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Table of content

A. Bio

B. Internship Tasks

- Office Project Design
- Chavez Garage Addition
- Coleman Transient Lodge
- SER Aesthetics
- Research
- Reflections

C. BTX Meeting with Minister Avedis Guidanian

D. Conclusion

A. Bio

Visualizer, Detailed oriented, Creative

Ms. Perihan Raad is an architecture graduate with a passion for sustainable design. Ms. Raad is a detailed oriented person who is always seeking innovation in her work. Ms. Raad is also a team player with good communication skills and a good listener. Believing that architecture is here to serve both humans and nature, Ms. Raad uses her patience and creativity to satisfy the client's needs.

Perihan Raad



B. Internship Tasks

BTX Office Project Design

Project Brief:

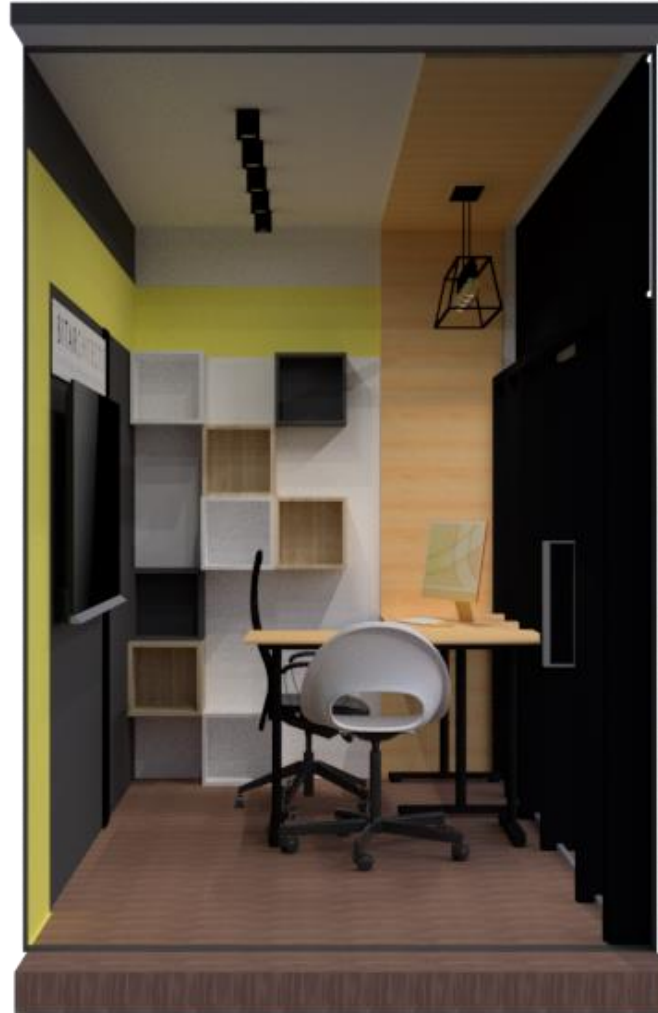
Bitarchitects requested a designed architectural office at the heart of Washington DC.

Location: Washington, DC

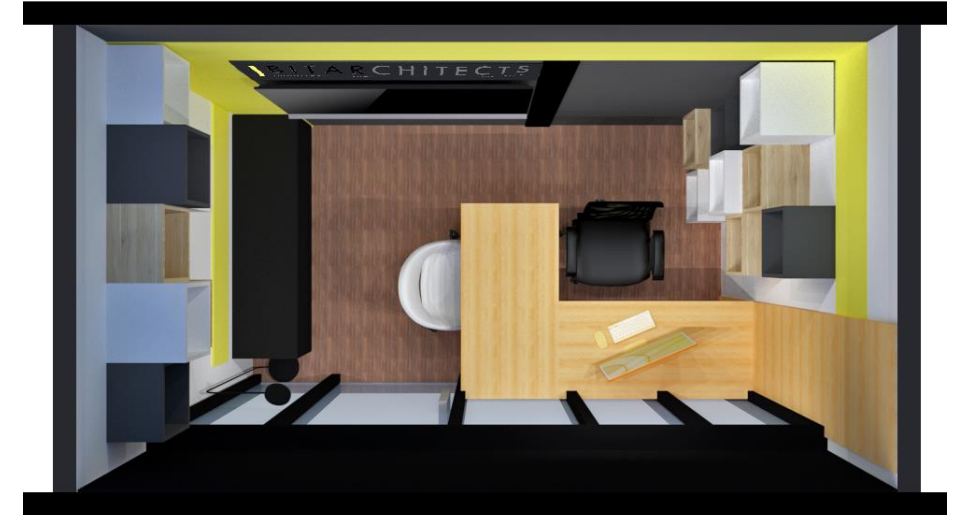
Project type: Office

Responsibilities:

- Draft the plans
- Create the 3D Model
- Render shots



West elevation of the office



Top view of the office



Front elevation of the office

B. Internship Tasks

BTX Office Project Design



View of the office



View of the office

The whole team was assigned to develop a design for the office space: it was a very small area, where the company wanted to showcase their projects and expand their brand.

I choose a simple yet impactful design that reflects the BTX logo and colors and provides shelving and storage unit as well as seating areas for the architect and clients.

B. Internship Tasks

Chavez Garage Addition

Project Brief:

Mr. Chavez is a car enthusiast and as an extension to his existing house, he is hoping to have a big garage to further his car play.

Location: King George, Virginia

Project type: Residential

Responsibilities:

- Create the 3D Model
- Render shots



Fireplace and barbecue area



Pool and jacuzzi



Entrance to the garage



Fence of the house

B. Internship Tasks

Chavez Garage Addition



Master Bedroom with minimalist elements and creative bedside fixtures.



Minimalist bedrooms with a calming color palette.



Wood and neutral color palette creates a continuous design.

B. Internship Tasks

Chavez Garage Addition



Living room

Minimalistic and luxurious living space and basement, offering new experiences in the house: home cinema with its kitchenette and snack bar, as well as a reading area separated by a pool table and folding wood panels.



Reading area



Home cinema

B. Internship Tasks

Coleman Transient Lodge

Project Brief:

Mr. Coleman is expanding his investment portfolio while having a DC based townhouse. Deep in the investment world, he aspires to divide the townhouse into a restaurant and a residential space both of which are used separately and leased to separate entities. Bitarchitects is helping with the separation of the townhouse elements to create two units for different usages.

Location: Washington, DC

Project type: Residential & Commercial

Responsibilities:

- Create the 3D Model
- Render shots



Exterior of the Hill East Burger Shop



Interior living room with a rustic / industrial style

B. Internship Tasks

Coleman Transient Lodge

Burger restaurant with an industrial simple style, using black metal tubes, light wood tables and cabinetries.



Use of wood and black steel in the restaurant



Bar of the Hill East Burger Shop



Customer area of the restaurant

B. Internship Tasks

Coleman Transient Lodge

Warm interior with orange hues, fur, wood and black metal tubes. Mixing rustic and industrial style to create a welcoming home.



Dining area



Master Bedroom



Teens Bedroom

B. Internship Tasks

SER Aesthetics

Project Brief:

Madam decided to open a beauty clinic with Botox services in California. Bitarchitects helped her issue the permit and create a luxurious welcoming space.

Location: Folsom, California

Project type: Commercial

Responsibilities:

- Create the 3D Model
- Render shots



Elevation of the Clinic



Waiting area

B. Internship Tasks

SER Aesthetics

Clinic with pastel green, white and light wood, with luxurious material as gold metal, marble and artistic painting.



Clinic



Office space



Reception

B. Internship Tasks

Research

Green architecture

The U.S. EPA (United States Environmental Protection Agency) says: “Green building is the practice of creating structures and using processes that are environmentally responsible and resource-efficient throughout a building’s life-cycle from sitting to design, construction, operation, maintenance, renovation and deconstruction. This practice expands and complements the classical building design concerns of economy, utility, durability, and comfort”.

In conclusion, the choice to go green has many benefits like reducing wastage of water and energy, conservating of natural resources, improving air and water quality, protecting biodiversity and ecosystems, reducing costs and increasing value, improving occupant productivity as well as the quality of life in general.

<https://www.conserve-energy-future.com/green-building.php>

<https://archive.epa.gov/greenbuilding/web/html/about.html>

<https://www.conserve-energy-future.com/green-building.php>

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221005
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Name one interior architect's work that inspires you

(Specify briefly 5 points why)

Answer:

I really think that Studio McGee has a unique and inspiring style. One of their work is a makeover of "The Ramos family" house, located in Los Angeles with an open floor plan:

- Attention to the client's needs and requests
- Budget friendly and accessible to all people: they collaborated with Target for some furniture and they also produce their own items.
- Light colors that brings serenity and reflects calmness
- Elegant style, using neutral harmonious colors
- Wise choice of furniture, fixtures and materials that make a whole difference in the room: division of the space, separation of some areas...

Full Name	Perihan Raad	Date	20221006
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What are your architectural strengths?

(A list of 5 things with their respective description)

Answer:

Being an architect demands to master a set of skills in terms of sociability, technicality, emotions and creativity. Some of my architectural strengths are:

- Patience: Clients as well as team members can be demanding. An architect should always learn to keep the balance emotionally and be patient and understanding in order to assess the needs and get the work done despite the situation.
- Communication: At the end of the day, even if the architect knows what he/she is doing, there should always be a way to communicate and say his/her message in a respectful and non-arrogant way. Communication is key in presenting his/her project as well.
- Leadership: With leadership comes great responsibility. A good architect knows how to lead his team in order for them to feel comfortable. Leading by example is what makes a successful and impactful architect.
- Attention to details: Architecture is all about details and precision. Every project needs to be carefully thought about and drawn perfectly in order to be functional.
- Creativity: Thinking outside of the box can be hard sometimes, but creativity is a necessary strength for architects, and this doesn't only apply for the design process, it includes: time management, team management, budget management...

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221010
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What is a worldwide architectural project that you like and why?

(Add photos and explanation in the form of 5 bullet points)

Answer:

One of the project that I think is very inspiring is the Church of light, by Tadao Ando. It is a spiritual place, built in concrete in 1999, in Japan.

What inspires me the most, is the use of the tough and cold material, to create a zen space reflecting meditation and prayers. This project is an honest reflection of the power of architecture: with no decoration, nor material, without colors, textures and any other ornament, the message is translated. The feeling of a spiritual and impactful place. It embraces Ando's philosophical framework between nature and architecture through the way in which light can define and create new spatial perceptions equally¹.

"In all my works, light is an important controlling factor. I create enclosed spaces mainly by means of thick concrete walls. The primary reason is to create a place for the individual, a zone for oneself within society. When the external factors of a city's environment require the wall to be without openings, the interior must be especially full and satisfying."
—Tadao Ando

Tadao uses some elements that takes his design on some other levels:

• Choice of material:

Concrete is used for many reasons: the church is composed of a concrete shell; the concrete adds to the darkness of the church by creating a more humble, meditative place of worship



Fig. 1: Picture of the elevation of the Church of light

https://www.archdaily.com/101260/ad-classics-church-of-the-light-tadao-ando/5037f3bb28ba0d599b000649-ad-classics-church-of-the-light-tadao-ando-photo?next_project=no

¹ <https://www.archdaily.com/101260/ad-classics-church-of-the-light-tadao-ando>

• Direction and orientation:

As a testament to minimalist architecture, the crosses void in the east facing wall is the only prominent religious symbol present in the church. Ando's decision to place the cross on the east façade allows for light to pour into the space throughout the early morning and into the day, which has a dematerializing effect on the interior concrete walls transforming the dark volume into an illuminated box.

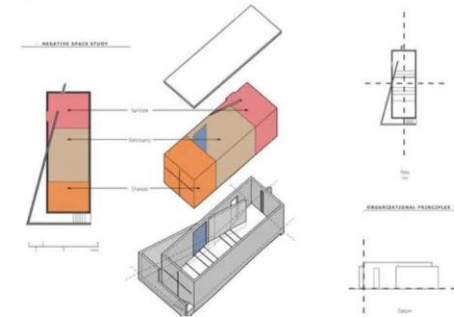


Fig. 2: Volume of the Church of light

<https://us.arckit.com/blogs/news/tadao-ando-s-church-of-the-light>

• Openings and lighting:

The church reflects the dual nature of existence – solid/void, light/dark, stark/serene. The coexisting differences leave the church void of any, and all, ornament creating a pure, unadorned space. The intersection of light and solid raises the occupants awareness of the spiritual and secular within themselves.

"Light, alone, does not make light. There must be darkness for light to become light – resplendent with dignity and power. Darkness, which kindles the brilliance of light and reveals light's power, is innately a part of light."
Tadao Ando²



Fig. 3: Light distribution of the Church of light

<https://www.dezeen.com/2017/10/31/tadao-ando-full-scale-mock-up-church-of-the-light-exhibition-tokyo-national-art-center/>

² <https://us.arckit.com/blogs/news/tadao-ando-s-church-of-the-light>

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221018
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Present an office of interesting design. Research a small innovative office project.
(Add photos and explanation in the form of 5 bullet points)

I. Achromatic office space

Simple yet smart use of space¹.

1. Colors: Achromatic colors with a vibrant yellow for seating areas. The color gray on the walls creates a certain grid and elongate the small space
2. Textures: Use of textures like carpets, cushions... and different materials: wood, steels...
3. Shapes: Square and rectangular cotemporary shapes.
4. Organization of the plan: Small area but layout in L shape furniture helps gain space, storage and many seating areas.



Fig.1: Front view of the office space, <https://www.pinterest.com/pin/428967933230255158/>

II. Offices, by Neva Interior Design:

Location : Vitry-sur-Seine, France
Area : 400 m² ²

1. Colors: Achromatic colors with a touch of vibrant yellow: some seating areas, heaters, elements of the wall. The space reflects creativity and inspiration. A small touch of greenery with the green wall.
2. Textures: Metals and wood for furniture in contrast with light fabric for couches in the waiting area.

¹ <https://www.pinterest.com/pin/428967933230255158/>

² <https://www.nevainteriordesign.com/fmd>

3. Shapes: Cubic shapes in contrast with organic shapes like the couches, coffee tables, elements on the walls: space feels less rigid and more welcoming.
4. Organization of the plan: Division with see through metal screen creates a sense of openness, and freshness as well as more light.



Fig.2-3: Desk of the co-working space, <https://www.nevainteriordesign.com/fmd>

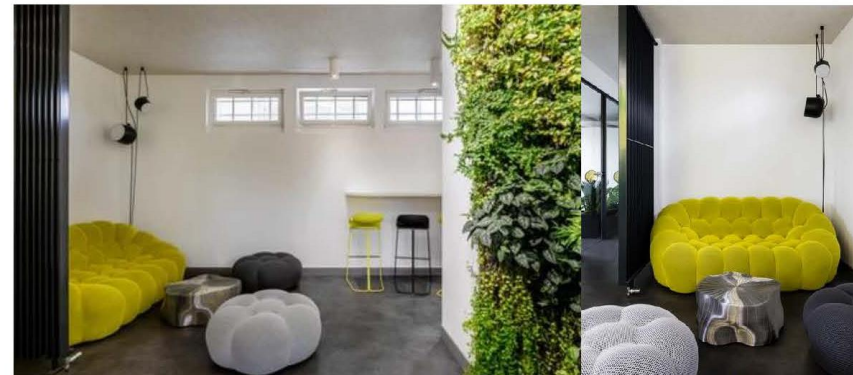


Fig.4-5: Waiting area of the office space, <https://www.nevainteriordesign.com/fmd>

B. Internship Tasks

Reflections

III. BeFunky Portland Office, by FIELDWORK Design & Architecture

Location: NE Portland
Area : 3000 ft²
Year : 2015

BeFunky, located in an industrial bow truss warehouse, is a photo editing app developer. The tenant improvement project scope includes 3,000 square feet of open office, conference room, whiskey lounge, and a kitchen/meeting area. The client wanted a project that reflected their brand by creating an inspiring, timeless work environment for their employees. The design concept is based on the camera aperture, and part of the BeFunky logo, and is deconstructed to create a wooden screen element at conference and lounge walls. The aperture screen, also used as a ceiling structure, connects the two primary structures within the space³.



Fig.6-7: BeFunky office space, https://www.archdaily.com/771673/befunky-portland-office-fieldwork-design-and-architecture?ad_source=search&ad_medium=projects_tab



³ https://www.archdaily.com/771673/befunky-portland-office-fieldwork-design-and-architecture?ad_source=search&ad_medium=projects_tab

Fig.8: BeFunky meeting room space, https://www.archdaily.com/771673/befunky-portland-office-fieldwork-design-and-architecture?ad_source=search&ad_medium=projects_tab



Fig.9: Plan of BeFunky office space, https://www.archdaily.com/771673/befunky-portland-office-fieldwork-design-and-architecture?ad_source=search&ad_medium=projects_tab

IV. L&M DESIGN LAB Shanghai Office, by L&M DESIGN LAB

Location: Putuo Qu, China
Area : 70 m²
Year : 2018

The original flat had a linear layout (3.3 meters wide, 20 meters deep) with two rooms and one dark little patio with golden and silver ratios. The poor lighting and ventilation condition and cramped space made it difficult to be connected with the idea of a pioneer studio.

Mirror Bridge

The vision is to maintain the unique linear experience and optimize spatial scales as well as maximize the reflection of natural light.

The twisted metal surface allows the light to be reflected multiple times indoors, increasing the illumination as well as creating a magic time-tunnel experience. Meanwhile, the open work area allows the air flow through windows on both sides, which improves the indoor environment significantly.

B. Internship Tasks

Reflections



Fig.10-11: Meeting room of L&M Design lab, https://www.archdaily.com/900452/l-and-m-design-lab-l-and-m-design-lab?ad_source=search&ad_medium=projects_tab

After determining the overall design direction, a series of structure studies optimized the construction logic of the stainless steel itself. The form of the ground-supported portion and the tension of its shape partially reduced the difficulty of construction.

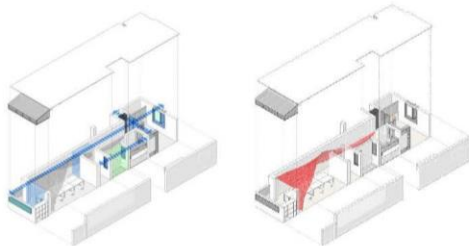


Fig.12-13: Axo of L&M Design lab, https://www.archdaily.com/900452/l-and-m-design-lab-l-and-m-design-lab?ad_source=search&ad_medium=projects_tab

Integrate the design philosophy into the house

The twisted mirror polished stainless steel vortex connects the north and south, solving the lighting, ventilation and scale problems in one single step. The design attempts to convey the philosophy: Logic & Magic (follow the logic, create the magic) through rational arrangement of service spaces.

In this case, it is natural to connect the meeting room with kitchen and courtyard. If we compare the mirror polished stainless steel bridge to a "magic belt", then the circular storage space may be the "logic belt" that integrate many practical functions. The combination of "logic belt" and "magic belt" bring new life to the old flat. The vortex gradually shrinks in the lounge area and form the fishtail bar in the end, which not only realizes the function but also avoids direct sight from the entrance to the workplace. Different from the traditional obstructive scenery, the material and curvature of the silvery vortex make it reflect the extraordinary dimensionality of the surrounding space, both modern and magic ⁴.

⁴ https://www.archdaily.com/900452/l-and-m-design-lab-l-and-m-design-lab?ad_source=search&ad_medium=projects_tab

V. Spotify offices, by TP Bennett

Location: Stockholm

"We've got a new policy, which is basically [that you can] work from anywhere, which is inclusive to everyone being able to choose wherever they work," said Sonya Simmonds, head of workplace design and build at Spotify.

The goal was to plan to adapt company premises to make them feel more homely. Implementations like: Soft acoustics, coziness and proximity to a window are among the benefits of home working, along with ability to play personal music choices. For example: "cosy little nooks" where people can work quietly and sit facing a window⁵.



Fig.18: Home-like spaces at Spotify offices, <https://www.dezeen.com/2021/03/18/spotify-offices-work-from-anywhere-policy/>



Fig.19-20: "Cosy little nooks at Spotify offices, <https://www.dezeen.com/2021/03/18/spotify-offices-work-from-anywhere-policy/>

VI. Tiny offices, by Dutch Invertuals

The six square meters' workspaces were designed to be places where you could "freely dream, perform and create". The architects believed that "the actual space itself didn't need to be very big". Their project became more timely as the coronavirus pandemic struck.

The Tiny Offices have custom-designed interiors in different colors, clad in materials including felt and acrylic that were chosen for their functionality, in order to create the most optimal work environment, where you can concentrate and work but also lay down on a beautifully designed daybed to think and look outside⁶.



Fig.21: Tiny offices, <https://www.dezeen.com/2020/09/01/dutch-invertual-tiny-offices-corrugated-aluminium-droomparken/>

⁵ <https://www.dezeen.com/2021/03/18/spotify-offices-work-from-anywhere-policy/>

⁶ <https://www.dezeen.com/2020/09/01/dutch-invertual-tiny-offices-corrugated-aluminium-droomparken/>

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221019
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After looking at the two videos "BTX Form and Shape" and "BTX 7 Elements: Line":

- Which 5 pictures caught your attention in the "don't do" list and state in one line your solution for each one.
- Which 5 pictures caught your attention in the "do list". Give 3 reasons for each picture.

"DON'T DO"

1. Plug in the sink:



Problem: Danger of electrocution

Solution: Electrical plugs should be far from any sources of water; preferable to use water resistant ones sometimes with W.P. cover.

2. Tight bathroom space:



Problem: Miscalculation of area and misplacement of bathroom equipment.

Solution: Detailed and precise floor plan drawings with furniture and equipment.

3. Staircase with a dead end:



Problem: Miscalculation of stair case without taking into consideration the landing for resting.

Solution: Detailed and precise stair plan drawings, with appropriate human measurements.

4. Overwhelming elevation:



Problem: Chaotic elevation, with different shapes and forms.

Solution: Create a certain grid, indicate a focal point, follow a certain path in order to have windows and doors that are functional and practical for the users.

5. 3 in 1 bedroom:



Problem: Undivided space, bathroom, bar and bathroom in one single space, misuse of material on the floor.

Solution: Remove the carpet, create different rooms for the other functions, remove the stairs and unnecessary ornaments like pillars, curtains...

"DO IT"

1. Continuous lines:



- a) Repetition creating harmony
- b) Organic esthetic shapes
- c) Neutral color palette that don't overwhelm the viewers despite the numerous curved lines.

B. Internship Tasks

Reflections

2. Defined reception:



- a) Creating a focal point
- b) Separation of the space and emphasizing on the desk
- c) Elongation of the whole space

3. Welcoming restaurant:



- a) Organic lines reflecting warmth
- b) Cozy yet elegant mood and style created because of the lines
- c) Integration of the furniture, walls and ceiling in order to create a harmonious space

4. Interesting separations:



- a) Separation of levels by creating mezzanine and double height spaces.
- b) Limited use of colors with a pop of orange to define some areas
- c) Smart usage of furniture without overcrowding the space

5. Dining area:



- a) Different, yet harmonious use of shapes: orthogonal for furniture and curved for lighting
- b) Focal point created with the use of black
- c) Contrast with the pastel colors of the walls and the table and chairs of the dining area

Full Name	Perihan Raad	Date	20221026
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Do colors and light play a role in an interior space?

- Screenshot 5 pictures and specify 2 reasons for each selection.
- One of the pictures would relate to your inspiration architect.

Light and colors are essential elements to be taken into consideration in any interior space, because colors create a sense of depth in the space: complementary or analogues, monochromatic or achromatic, color palette are used to create a homogeneous interior space. Light can define the space, and determine where to place certain furniture in order to make a room more pleasant or to highlight a certain area. Colors and light both give a certain mood of the space. The combination of both makes it more interesting.

1) Elegant and sophisticated reception



- a) Light fixture create a focal point on the reception area in order to attract the client.
- b) The shape of the light source emphasis the space and creates a continuity in the whole room.

2) Dreamy shaded space



- a) Rays of sunlight coming from the skylight create a certain dreamy and calm mood for the space.
- b) Repetition, harmony and rhythm are created: the big hall becomes an interesting place where the walls have moving dynamic patterns all along the day.

This space is very inspiring because it really shows the power of light and interior space: with an interesting choice of materials, colors, and a wise choice of openings in the ceiling, the boring space becomes a dynamic area where people can meet and where architect serves human needs. This use of light can be seen in the works of Architect Tadao Ando, where light becomes the focal point of the space.

B. Internship Tasks

Reflections

3) Complementary colors



- a) Tints of orange and blue used wisely without creating any distraction or disturbing the viewer.
- b) Simplicity in the choice of colors and textures of the walls and use of wood to the furniture creating freshness with the implementation of greenery.

4) Minimalist resting area



- a) Achromatic colors with black, white and complementary shades of wood, creating a simple yet elegant space.
- b) Harmony in the choice of shapes in plan and elevation: combination of curves on the floor, ceiling and table, as well as angles in table, ladder, chair...

5) Interesting combination of colors, forms and patterns



- a) Contemporary sensual mood
- b) Mix and match with texture, primary colors (red and blue) in certain tint and shade and shapes that are homogeneous: curves on the screen, vases and seats, angles on carpets table and chair...

Full Name	Perihan Raad	Date	20221027
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What has this internship taught you in the first month?
(A list of 5 things with their respective description)

This first month with Bitarchitects has been very beneficial, in many aspects: professionally, personally, emotionally... I would like to mention some of the thing I learned so far:

1) Professionalism:

After the many internship and job opportunities I was in, I can honestly say that BTX is the only company that start giving you useful tips and tricks for your professional career. From how to write a professional email to how to draw plans, how to communicate and how to work efficiently as a team...

2) Teamwork:

Working together as a team is key: there is no room for competition, nor drama, we are here to get the work done for the sake of the company, and to work together in order to make things better. This is something we don't usually see in our Lebanese universities who focus on the individual work. Teamwork helps improve flexibility, reliability, problem solving, support and respect for all the team members.

3) Flexibility and commitment:

Even if we have many tasks per day and even if sometimes it becomes harder, BTX helped me understood that the program is a safe space to make mistake but surely to learn from them. It is about discovering the real world without being scared but always being committed. We belong to a family that we should always support: from social media posts, to extra work to be done, to keeping up with the work consistently...

4) Listen and keep an open mindset:

Everyone has an opinion and characters and ideas are different, but I learned in this first month to always listen to everyone, take note and thank the person for their opinion even when I disagree. We are used to speaking up and fighting for what we want in life, at the university... So far, it is all about listening, respecting and improving step by step. I also learned to keep an open mindset, in regarding of others ideas but also of the tasks and work that has to be done. I see now that every video, assignment or project is bringing fruitful experience to the table.

5) Stay humble:

As Ms. Bitar would always say: "Stay humble. Humility makes a good architect". I am learning all along to use the right balanced worlds that shows humbleness and respect. Being humble embody good spirit, kindness, flexibility, also happy vibes and adaptability. It is important to know my worth and to have a good self-esteem but it is way better to keep on showing humility in everyday life.

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221102
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Screenshot 5 pictures and identify the different textures in each picture.
One of the pictures should relate to your inspiration architect.

Texture is an element to be taken into consideration in all designs. It can change the whole mood of the space and create depth. texture can affect the light of the room, the scale and proportions, the whole ambiance as well as the wellbeing of the person looking those textures.

Some interesting example are:

1. Neutral Textures:



The mix and match of the different harmonious material like the wood, brown paint, and the fabric of the carpet can create a charming welcoming place. There is a contract between the shiny wood and matte paint.

Fig1: <https://www.archdaily.com/972430/interior-finishes-with-natural-textures-that-are-easy-to-install-and-maintain>

2. A touch of color:



Use of rough tiles and flat texture of the marble create a great contrast while adding a small light touch of green that brightens the room.

Fig2: <https://www.archdaily.com/972430/interior-finishes-with-natural-textures-that-are-easy-to-install-and-maintain/619d4bc8314340669a26aa76-interior-finishes-with-natural-textures-that-are-easy-to-install-and-maintain-image>

3. Contrast:



The use of rough stone texture create an emphasis on the wall and becomes the star element of the space, like an art piece decorating the living space.

Fig3: <https://blog.zeelproject.com/46-the-importance-of-textures-in-interior-design.html>

4. Charming living space



Different use of material and texture on the different furniture allows to create an entertaining space that invites the person to sit in.

Fig4: <https://www.architecturaldigest.com/story/house-tour-studio-mcgee-gives-a-utah-mountain-home-a-modern-edge>

5. A whole other mood



Other than the use of dark color, it is the different texture of the seating areas that gives an authentic mood to this wine room. The absence of contrast creates a cozy and sophisticated vibe.

Fig5: <https://studio-mcgee.com/hilltop-estate-wine-room/>

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221109
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After looking at the Principles of Design videos:

- Which 5 pictures caught your attention in the "don't do" list and state in one line how you can fix them.
- Which 5 pictures caught your attention in the "do list", state 3 reasons on each picture.

DON'T DO

1. Unusable toilets:



Problem: Paper holder in on the seating area

Solution: Change the seating area of the toilet and replace with a normal functional one.

Source: <https://www.goodhousekeeping.com/home/organizing/a2761/unusual-toilet-paper-holders/2slide=4>

2. Kitchen or sofa?



Problem: Inappropriate use of material, especially in a kitchen where cabinets can easily become dirty or wet.

Solution: Use of wood instead of sofa

Source: https://www.247mirror.com/en/designers-common-sense?lv=native_one

3. Cutout ceiling for a fan



Problem: Costly work on the ceiling but lack of practicality: the fan won't do what it is supposed to do with this cutout.

Solution: Replace the fan with a nice light fixture.

Source: https://www.reddit.com/r/CrappyDesign/comments/heqc92/the_raised_cutout_of_this_ceiling_doesnt_allow/

4. Doubled entrance



Problem: No focal point, double entrance for one house with second door in front of staircase.

Solution: Remove the second door and build a wall in order to define the entrance, or even replace it with an appropriate window.

Source: <https://www.estateiv.com/listings/info/11595-ditch-road-2>

5. Weird doorway



Problem: Unpleasing and confusing shape for the doorway

Solution: Fix the angles of close the wall and create a new opening that doesn't match the furniture.

Source: https://www.247mirror.com/en/designers-common-sense?lv=native_one

DO

1. Cozy space



- Use of the same textures all along the seat, creating a separation from the exterior
- Contrast in cold and warm colors
- Creating a cozy ambiance for the seater

Source: <https://www.hatchdesign.ca/elements-of-design-part-5-scale-and-proportion/>

B. Internship Tasks

Reflections

2. Vibrant Living room



- Contrast between colors and textures
- Focal point on the wall
- Emphasis on the

Source: <https://blog.zeelproject.com/46-the-importance-of-textures-in-interior-design.html>

3. Harmonious dining area



- Contrast with cold blue and warm wood colors
- Rhythm created by the repetition of the lamps
- Gold elements that elevate the interior space

Source: <https://homeadore.com/2019/07/11/apartment-n08-by-dontdiy/>

4. Simple furniture



- Balanced asymmetry creating a unique place to sit and read a book
- Harmony in neutral colors
- Touch of green makes the space less cold

Source: <https://www.hackrea.com/stories/wall-covering-materials-trends/>

5. Simple gym



- Color neutral gym creating balance and harmony
- Wood creates contrast between the dominant black
- Subtle lights that elevate the space

Source: <https://www.archdaily.com/900814/11style-office-jack-design/5b82ecc6f197ccf2b200004d-11style-office-jack-design-photo>

Full Name	Perihan Raad	Date	20221114
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What are your Career expectations?
(A list of 5 things with their respective description)

My career expectations are:

1. An environment where I work with passion

My expectations would be to work in an environment in which I can contribute to the team. I would like to transfer my skills and experience to work in a professional company. I also want to develop my leadership and organizational skills.

2. A job that meets my needs

It is important for me to get a salary that would meet one's needs, and also to be paid fairly in comparison to others.

3. An environment where my work is appreciated

I think it is important to receive appreciation for my contributions, as well as having job stability and the ability to grow with the company.

4. Ethics and respect

It's nice to be working with a team that feels like family, and where everyone respects each other. I think that ethics and values are very important as well as having coworkers who are competent and congenial. On another note, working hours should allow one enough time with family and/or time to pursue other interests.

5. Young and fresh company

I would be comfortable in a company that is always looking forward to improving, evolving and bringing new ideas on the table, as well as listening to the younger creative and innovative generation.

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221116
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After watching the Rhythm and Proportion video,

- Screenshot 5 pictures that caught your attention in the "don't do"

list and state how you can fix them in 5 steps.

-Screenshot 5 pictures that caught your attention in the "do list" and give 5 whys.

DON'T DO

1. Huge roof



Problem: Lack of proportion between roof and walls of the house

Solution:

- If we are keeping the structure of the roof: create an optical illusion by changing the proportion of the material of the roof and elevation, in order to make the roof smaller
- Add windows and openings as well as details on the roof in order to make it look like a wall.

2. Out of context house



Problem: Lack of proportion between the house and the elevations and patterns around it.

Solution:

- Try to blend the house with the existing by using the same material or pattern...
- Modify material of elevations and add horizontal pattern to make the existing shorter and closer to the house.

3. Miniature kitchen



Problem: Huge light fixture above the dining table

Solution:

- Replace with a smaller fixture
- Add a bigger dining table

4. Chaotic elevations



Problem: Absence of rhythm and continuity on the elevations

Solution:

- Remove some unnecessary and chaotic elements of the roof
- Create an optical illusion to minimize the diagonals
- Follow a grid that matches the openings.

5. Confusing house



Problem: Disproportion and absence of harmony between the different volumes of the house

Solution:

- Replace some material with others to create a homogeneous elevation
- Use colors and patterns that create an optical illusion: bigger proportions become smaller, shorter ones longer...

DO

1. Rhythm in a ceiling



- Repetition of structural elements creates a certain pattern.
- Light creates dynamics in the space
- Proportioned staircase

2. Cozy space



- Use of the same textures all along the seat, creating a separation from the exterior
- Contrast in cold and warm colors
- Creating a cozy ambiance for the seater

B. Internship Tasks

Reflections

3. Harmonious dining area



- Contrast with cold blue and warm wood colors
- Rhythm created by the repetition of the lamps
- Gold elements that elevate the interior space

4. Playful interior



- Colors placed proportionally on the walls
- Combination of primary colors
- Direction and placement taken into consideration as well as light

5. Balanced grid



- Grid created rhythm and harmony
- Lack of symmetry but balanced disposition of the items
- Light creates a sense of depth

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221117
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How does digitization impact architecture?

It is very obvious that digitization has a tremendous impact on every aspect and field in life. Starting with our daily habits, to field of expertise, work, and even relationships...

Architecture has been shaped by digitization and the process is still happening with the new technologies arising¹.

Gain of time and increase in productivity

Nowadays, every small details can be shown and viewed from different point of view, with different scales and proportions, all this in way less time that years ago. Drawing by hand is a nice creative process, but it takes a lot of effort and time, while with new software and technologies, drawings details or creating architecture 3Ds becomes way easier.

Plus, the architect has the opportunity to lead a project through the factors of cost, time and aesthetic design in the desired direction and thus to success at an early stage because of established, coordinating authority in planning².

Realistic products

With digitization, the quality of the renders and drawings have improved: from a simple two-dimensional sketch, we have visuals that looks like real pictures, with patterns, textures, light, perspective, and so on... which make architecture more understandable.

Creative process

New technologies have been facilitating the creative process and have helped architect put their ideas into action. It is easier nowadays for architects to create a certain volume and then modify it without having to repeat the whole thing: many ideas can be tried and creativity is unleashed.

Collaboration

By implementing digitalized tools and programs, architects can create life-like representations and visualizations of their projects. Therefore, clients can clearly see what they'll get. Looking at the picture, video, or animation, customers can also collaborate on the project by accentuating what they want to keep, alter, change, or eliminate. It's widely known that collaboration is the essential element of every architectural project, and it requires honest and genuine communication between architects and clients³.

To conclude, digitization empowers architecture as well as the input and creative process is being used to deliver an end result that reflects the human innovation. However, it can become dangerous when it becomes mechanic and loses all sense of human touch, emotion, vibe...

¹ <https://redshift.autodesk.com/articles/what-is-digitalization>

² <https://di-a.de/en/articles-news/digitization-in-architecture/>

³ <https://www.easyrender.com/a/digitalization-of-architecture-for-the-future>

Full Name	Perihan Raad	Date	20221121
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*How can architects have a role in forming and expanding the global metaverse?
(Specify briefly in 5 points)*

The Metaverse is exponentially opening doors and opportunities for architects, designers and creatives to become major players in the next wave of disruptive, digital innovation. Therefore, architects have an important role in expanding the metaverse¹.

1. A new vision

People require places in the metaverse; hence architects and designers are needed to create or enhance these spaces. While traditional architecture plays a critical role in providing shelter and facilitating our day-to-day activities, meta-architects will be working purely on the form, geometry, and visuals. Their concepts, ideas and knowledge about cities, landscape and hardscape will be essential in the metaverse¹.

2. Their skills

The metaverse is an online virtual world that incorporates augmented reality, virtual reality, 3D holographic avatars, video, and other forms of communication. Architects need to do the 3d modeling and integrate professional knowledge in multiple fields, including user interface, content design, character design, and even game design.

3. Accessibility

Architecture does not depend on your age, nationality, connections, color of skin, gender, race, or any other form of generalized characteristic which may have been potentially used to limit the access to opportunities in the past. In the Metaverse, all that is required of is drive, determination, skill and a genuine desire to learn and grow².

4. Education

Architectural education will need to teach a combination of digital media and 3d technology to architects: the virtual world will be utilized to improve the relationship between students and their professors by a fully immersive environment without requiring physical presence. Furthermore, metaverse might also be a new frontier in architectural conservation: it can be the platform where we preserve buildings for the sake of future generations and a way to express and explore the architectural heritage for users online³.

5. Innovation and creativity

No real-life rules or restrictions such as gravity, structural stability, climatic issues, or physical laws will be at play in the metaverse. Therefore, architects have the freedom to overcome the existing conditions and create exceptional environments and authentic pieces of art⁴. Furthermore, instead of clicking through plans and renderings on a screen, virtual reality brings the images to life by allowing people to experience a space while it's still in development⁵.

¹ <https://parametric-architecture.com/metaverse-the-upcoming-realm-of-architects/>

² <https://decentralandarchitects.com/how-to-become-a-metaverse-architect/>

³ <https://parametric-architecture.com/metaverse-the-upcoming-realm-of-architects/>

⁴ <https://parametric-architecture.com/metaverse-the-upcoming-realm-of-architects/>

⁵ <https://www.architecturaldigest.com/story/is-your-next-big-break-going-to-be-in-the-metaverse>

B. Internship Tasks

Reflections

Full Name	Perihan Raad	Date	20221123
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Looking at the Emphasis, Hierarchy and Variety video:

- Screenshot 5 pictures that caught your attention that you think are weak and state how you can fix them in 5 steps.
- Screenshot 5 pictures that caught your attention in the "do list" and give 5 reasons why.

One of the pictures must relate to your inspiration architect.
Kindly, don't forget to add the sources of the pictures.

Weak points

1- Wrong focal point



Problem: Emphasis is on the living area located in an accessible area

Solution:

- Remove the furniture in the area and keep it empty
- Replace the existing furniture with discreet elements like a watch, small decorative items...
- Use simple forms and shapes
- Use neutral colors and lights that blend with the color scheme in order to remove the focus on the upper level

Source: https://www.buzzfeed.com/mikiebus/but-why?utm_term=.dcd8dGVwi&epik=dj0yJnU9VUwwLXMtdDVL aE9TT0lwaENfS0Q4alU5dnFOTIM3UksmcD0wJm49cjFaUmxGUGhxUkF4cWFGRmc3Xy1UZyZ0PUFBQUFBFR04tWERz

2- Two in one



Problem: Two toilets facing each other in one bathroom

Solution:

- Remove one of the toilets
- If needed, keep the second bathroom but change the location and direction.

Source : <https://www.demilked.com/worst-home-design-photos/>

3- Monochromatic kitchen



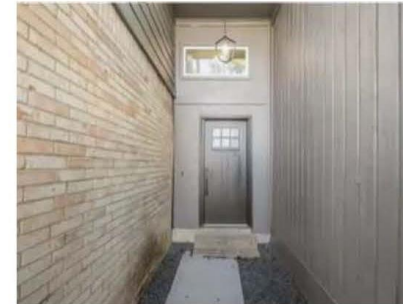
Problem: Monochromatic kitchen with a huge cow on the walls

Solution:

- Remove the drawing of the cow
- Paint the walls in a warm color
- Replace monochromatic cabinets with wood or some colors.

Source: <https://theclose.com/bad-real-estate-photos/>

4- An enclosed door



Problem: Narrow path leading to one door

Solution:

- Create an interesting focal point
- Add pattern colors or textures that can create an optical illusion and make the space look wider
- Use elements that tell a certain story rather than just a pathway.

5- Stairs blocking a door



Problem: Wrong placement of door that makes it non functional

Solution:

- Remove the door
- Replace the door with some sort of window or opening

Source : <https://thisbugslife.com/2019/05/23/construction-fails-2/>

B. Internship Tasks

Reflections

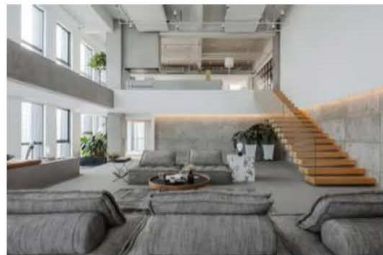
1- Staircase is the focal point



- Use of organic and curved lines
- Staircase become the focal point of the space
- Use of the same color palette
- Use of metal material to create an emphasis on the staircase

Source: <https://www.architecturaldigest.com/story/ian-schrager-david-rockwell-new-york-edition-article>

2- Balanced interior space



- Non symmetrical focal point
- Use of different color and material
- Use of light that enhances the emphasis
- Harmonious colors

Source : <https://www.archdaily.com/900814/tkstyle-office-jack-design/5b82ed80f197ccf2b2000056-tkstyle-office-jack-design-photo>

3- Directed to a mirror



- Eyes of the viewer are oriented to a mirror
- Object enclosed in the same circle shape
- Harmonious color palette

Source : <https://www.turnstyleconsign.com/5-tips-for-creating-airy-interior-design-spaces/>

4- Mix and match



- Mix of cold and warm colors
- Harmonious use of contemporary shapes
- Use of different heights of furniture
- Integration of greenery

Source : <https://www.dezeen.com/2018/02/28/female-co-working-club-the-wing-dumbo-brooklyn-new-york/>

5- Colorful stairs



- Integration of complementary colors
- Variety of patterns on the stairs
- Elements on the wall connected to colors of stairs
- Playful and impactful element

Source : <http://d8p.archi/coworking-space-design-code/>

C. BTX Meeting with Minister Avedis Guidanian

Humility: Minister Guidanian showed a lot of humility during the talk, especially when stating that he is currently jobless. He also thanked the BTX team many times and mentioned that he learned a lot of new and interesting information because of the presentation.

Honesty: It was obvious that Minister Guidanian is a very honest person. He answered very openly to all the questions asked. This is a good reminder that leaders and politicians can be honest people if they have the good intention to make things better.

Do it from the bottom of your heart: It doesn't matter if you have the highest position, longest resume, highest degree, or even the better salary... what really matters is that you work with all your heart, with determination, passion and willingness, in order to deliver good work that can have an impact. Minister Guidanian is an example of a person who does his job with passion knowing that he has a bachelor in physics and is the minister of tourism.

Smile, always: Minister Guidanian was very pleased to see all the BTX team smiling and welcoming him with kindness. Smiling is key because it gives a positive impression of the person, it calms the mood and creates a more comfortable environment.

Success cannot be measured: When asked what are his successes and failures, Minister Guidanian answered that he cannot really measure success, it is something very relative and personal, for him it was about his family and children. For failures, he mentioned that each one will encounter many failures in life, but what matters are the lessons taken from each.



D. Conclusion

This internship at Bitarchitects has been an excellent and rewarding experience. I can conclude that there have been a lot I've learnt from my work as well as the research conducted. As someone with no prior experience with US codes and regulations as well as interior architecture, I believe my time spent in research and discovering it was well worth it and contributed to finding solution to improve the quality of the spaces and adhere to the requirements. Some of the main things that I've learned are:

- **Communication**: Communication is key in presenting a project as well as in expressing your opinion and talking with the team. There should always be a way to communicate and say the message respectfully. During this internship, I have learned to always have a healthy communication with others.
- **Patience**: This internship helped have more patience, a skill that is much needed in any task taken. Clients as well as team members can be demanding. An architect should always learn to keep the balance emotionally and be understanding in order to assess the needs and get the work done despite the situation.
- **Time Management**: I have also learned to manage my time more efficiently. Knowing when to start the work, when to have meetings, when to take a break... in order to get the work done as well as taking care of my mental health.
- **Teamwork and leadership**: Working together as a team is key. This is something we don't usually see in our Lebanese universities who focus on the individual work. Teamwork with Reine Khamis on many projects improved flexibility, reliability, as well as problem solving and support.
- **3D knowledge**: Even if I already know how to use 3D software, I have pushed my limits during this internship to deepen my knowledge in some software in order to deliver more detailed and realistic work.