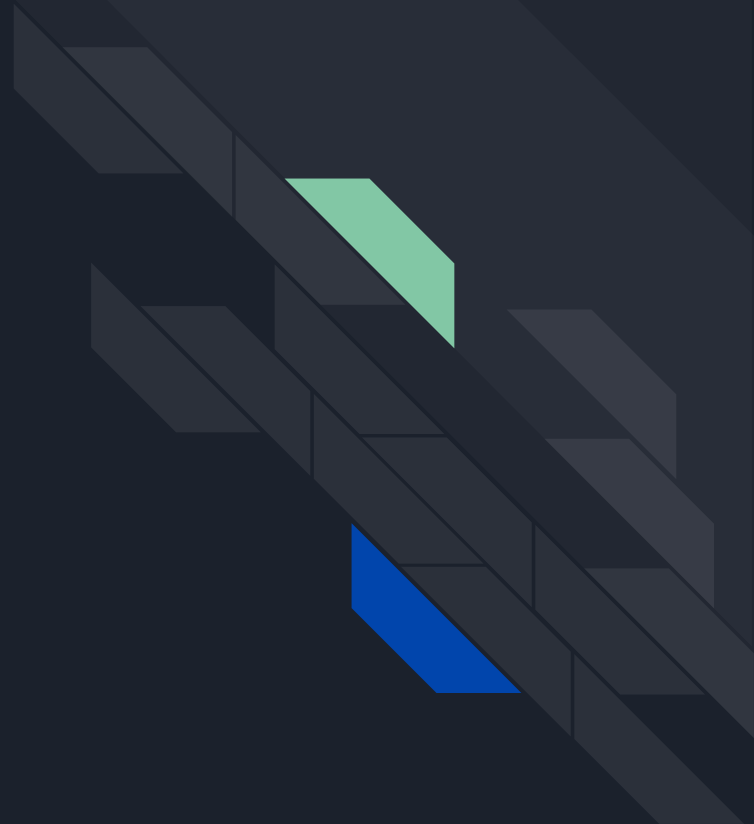


A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

Sash Mahara

I am an aspiring industrial designer with a passion for sustainability. I believe that through the innovation of smarter and more environmentally conscious products we can create a better and greener future.

2D and 3D Work



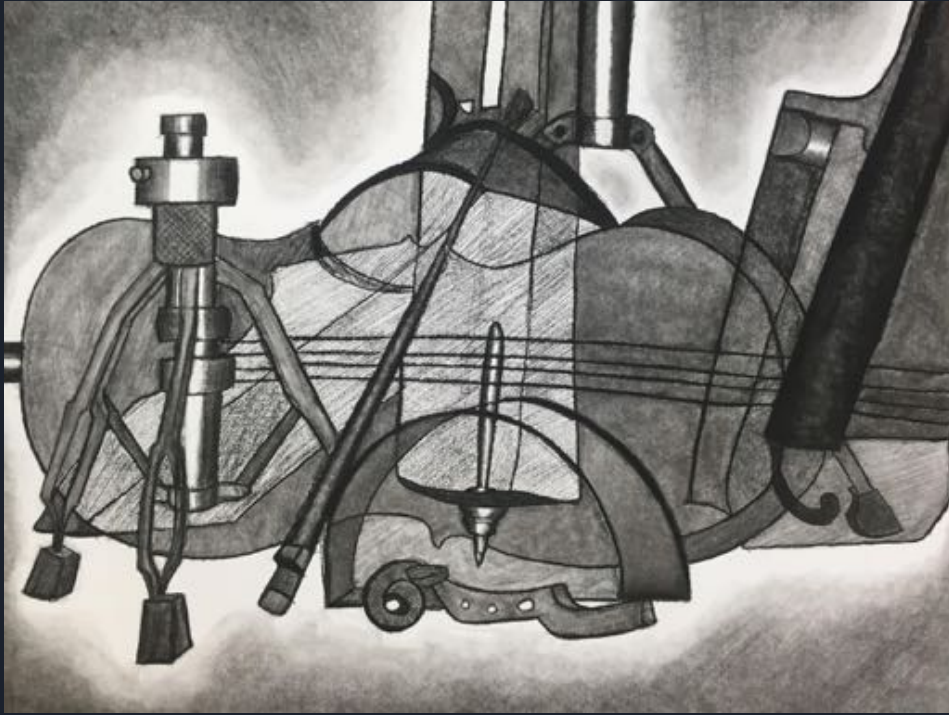


Balance of Two Cities

Material: Paper, India Ink.

Dimensions: Approx 60 x 70 cm (2' x 2.5')

This 2D work was part of my creative cartography project. I chose to do a symbolic piece that merged together the two cities that I grew up in. The white space above is the map of Kathmandu, Nepal and the black space below is the map of Nanaimo, B.C, Canada.



Instruments

Materials: Paper, Charcoal, Pencil

Dimensions: Approx 60 x 76 cm (2' x 2.5')

This Project was inspired by Pablo Picasso's multiple view guitar sculpture. I used a still life of an arrangement of musical instruments and would change my viewing angle every 15 mins. This project was to explore 2D mediums and different artistic approaches.

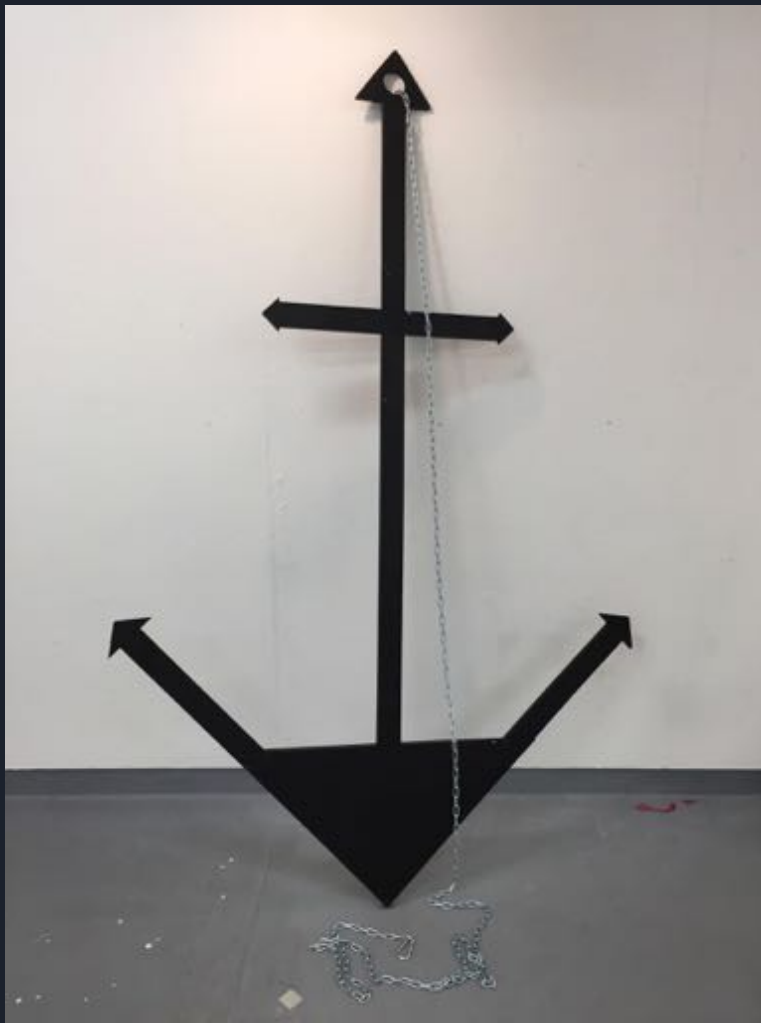


Scorpion Tail

Materials: Cardboard, Glue

Dimensions: Approx 1.2 x 0.5 x 0.75 m (4' x 1.5' x 2.5')

This was a project exploring the use of cardboard in design. The theme was heros, alternate egos, or body alterations. The constraints were to show minimal to no glue and that the piece needed to be wearable and support itself without any outside action. I created this cardboard scorpion tail that could be worn like a backpack.

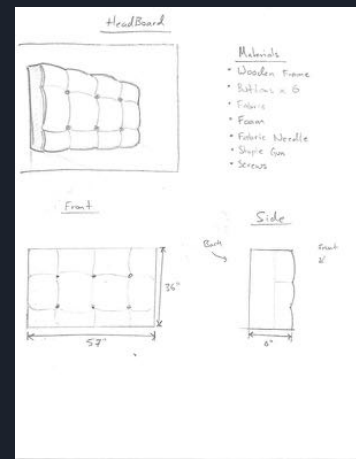
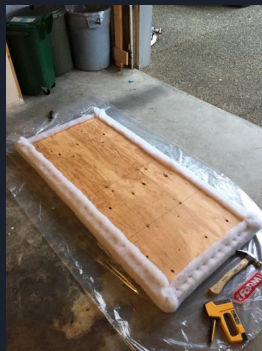


Traditional Anchor

Materials: Wood, Metal, Paint, Wood Glue, Plaster

Dimensions: Approx 2.1 x 0.75 x 0.05 m (7' x 2.5' x 0.16')

This project was done more to learn about shop equipment and building processes rather than industrial design. The constraints were to only use 2 pieces of 8 foot 1x3 lumber and we had to use as much of the material as we could. The theme of this project was ruins and reclamation. I chose to build an anchor as a message to the feeling of being anchored down in life and how many people cannot let go of their hypothetical anchor.

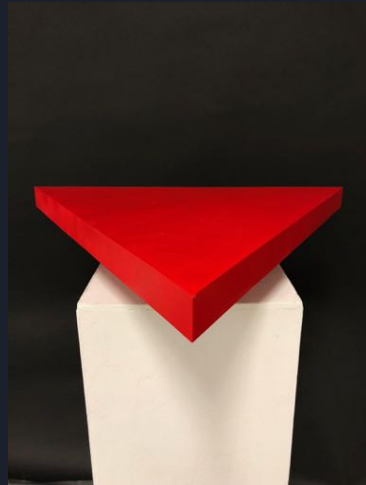
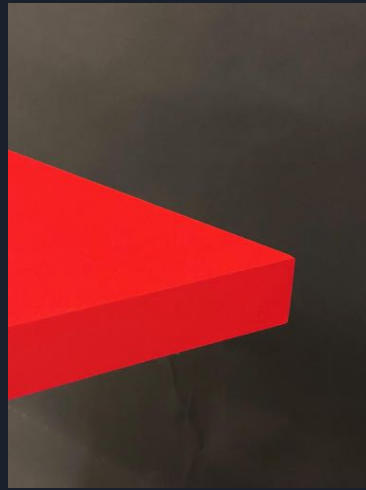


Tufted Headboard

Materials: Wood, Fabric, Cotton, Foam, Metal

Dimensions: Approx 1.5 x 1 x 0.15 m (5' x 3' x 0.5')

During the summer I decided to redesign my bedroom. One of the main things I wanted to update was my headboard. I was funding the entire redesign so my main constraint was costs but also lack of heavy equipment as I only had access to hand tools. After researching different designs I decided to create this minimalistic tufted headboard for its simplicity and affordability.

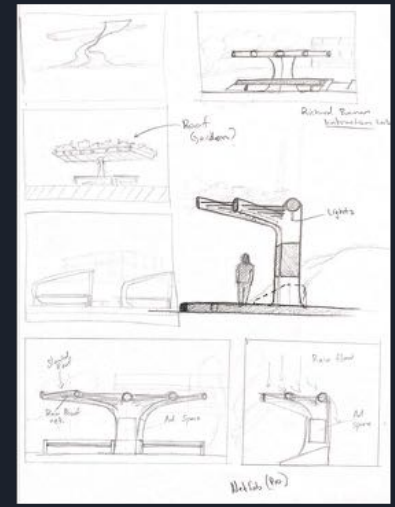
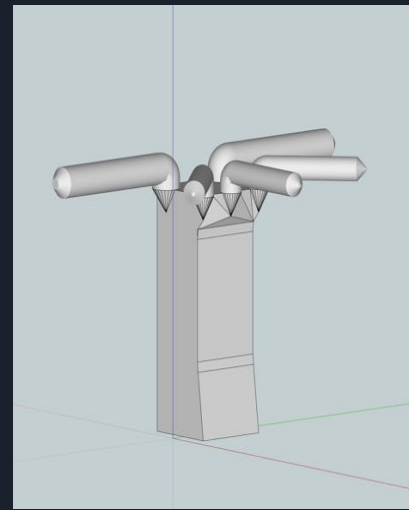


Minimalism Triangle

Materials: Wood, MBF, Metal, Plaster, Paint

Dimensions: Approx 0.6 x 0.5 x 0.07 m (2' x 1.5' x 2.5")

This piece was for a minimalism project that I did in my 3D sculpture class. The main goal was to achieve a professional level of finish on the final piece as as to hide any of the joints, screws, or glue. This work was inspired by artists like Donald Judd. Although just a triangle, through this project I learned a lot about finishing techniques and material properties.

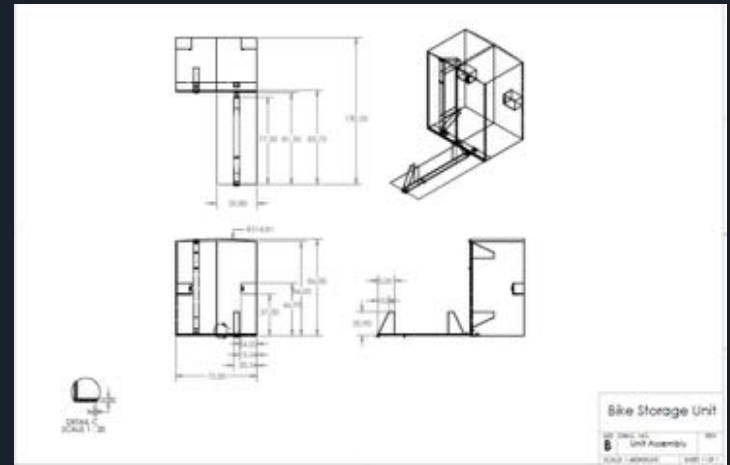
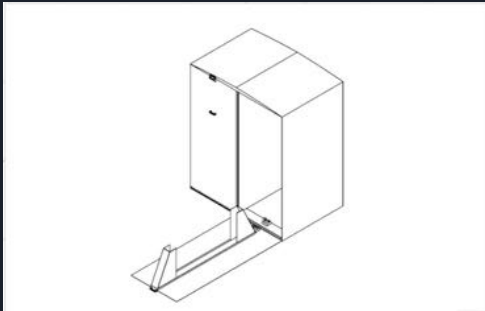
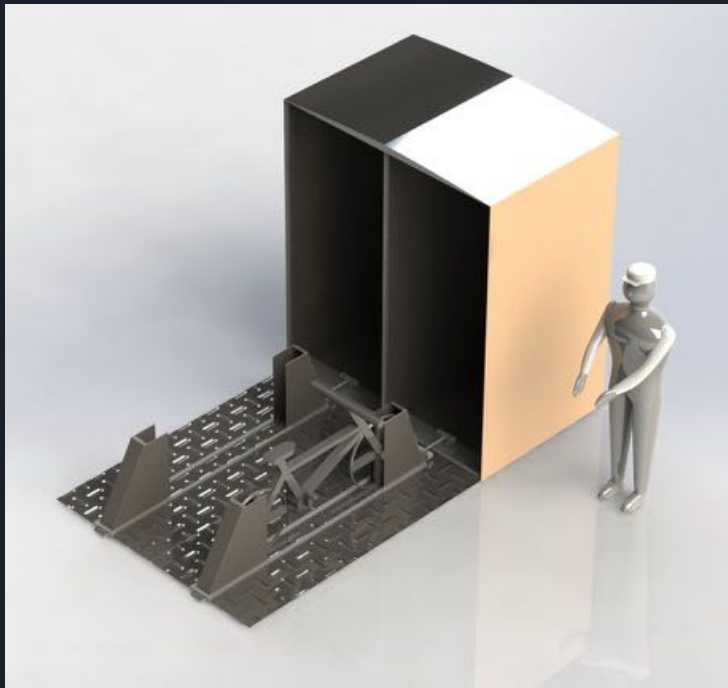


3D Printed Maquette

Materials: Plastic, Glue

Dimensions: Approx 10 x 10 x 7 cm (4" x 4" x 2.7")

For one of our projects in my 3D sculpture class we were instructed to design and 3D print a sculpture that could be built in real life. I created this tree like design to serve not only as a sculpture but also be functional as a bus stop. The branches of this design can be used as shade over a bench and the front and sides of the design are indented to allow for ad space for local business.

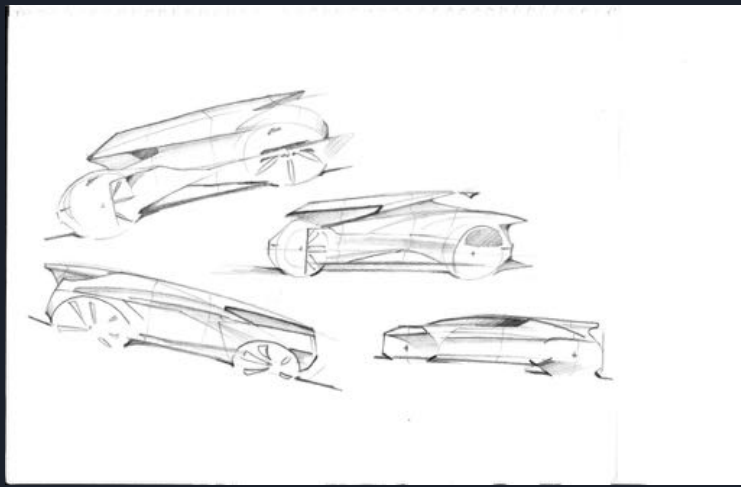


Secure Bicycle Storage

Materials: Digital Render

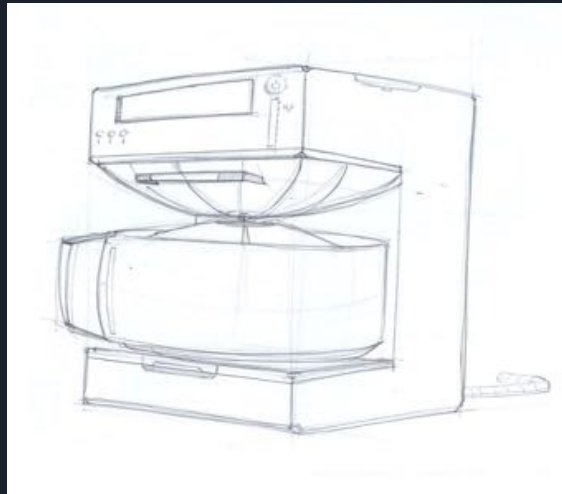
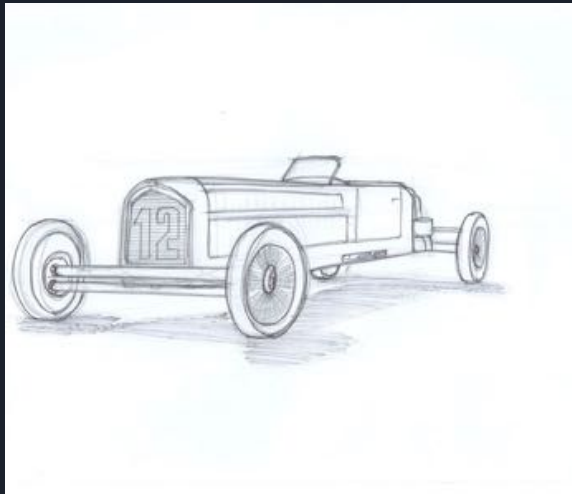
Dimensions: Approx 2.1 x 1.8 x 1 m (86" x 72" x 39")

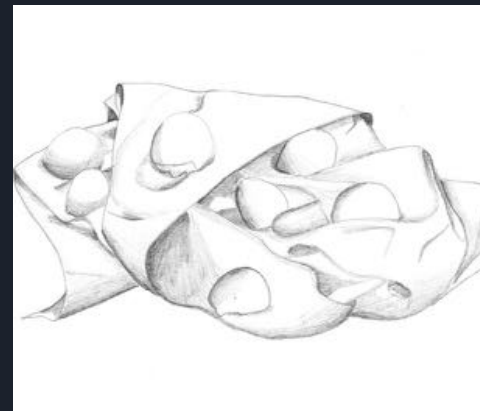
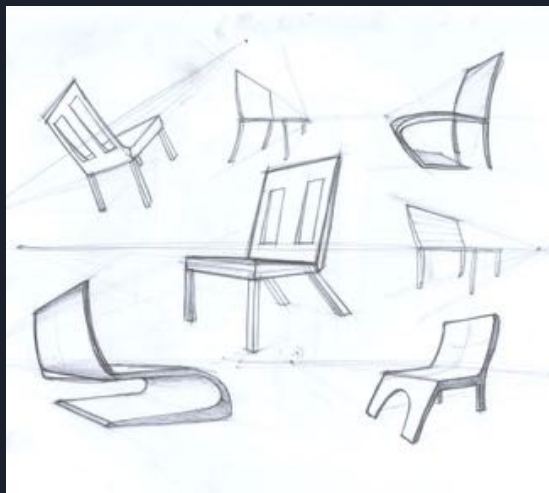
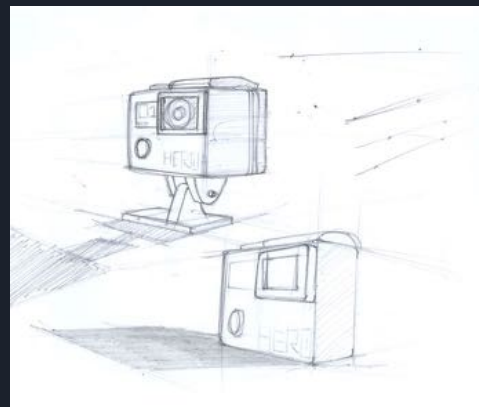
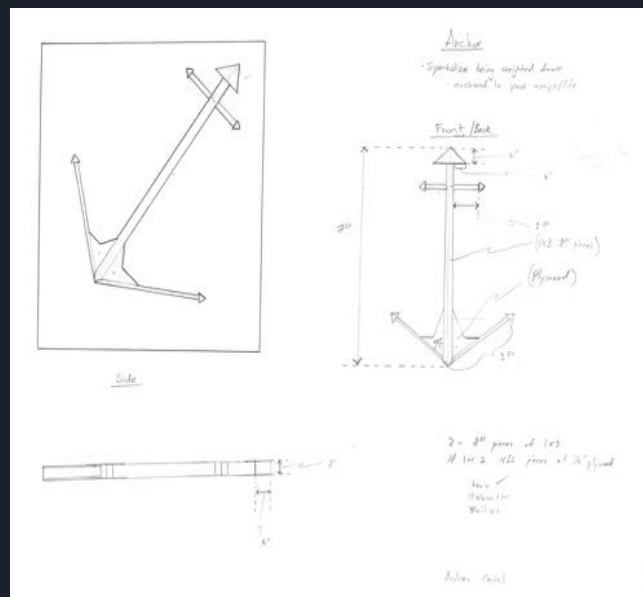
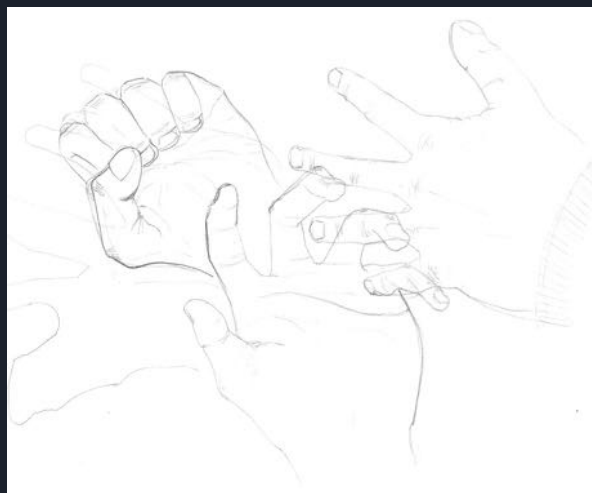
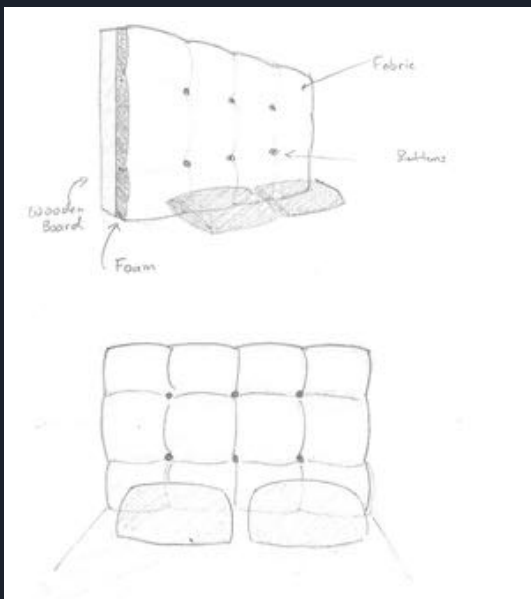
During my first year of engineering at the University of Victoria we partnered up with the Capital Regional District and were tasked with coming up with a feasible solution to combat the city of Victoria's growing bicycle theft issue. Within our team we came up with this secure bicycle storage unit that would completely encapsulate the bicycle so as to prevent theft and damage.



Sketches and Ideation

Sketching is one of my favourite pastimes and a great way to record my ideas. What I enjoy most about sketching is the freedom from real life constraints and the ability to create objects that may not even be feasible in the real world.







Photography

Photography has always been a fun hobby of mine. I often bring my camera with me to local hikes and places near my hometown but while travelling through Nepal and South America I had an amazing opportunity to photograph even more. The challenge of getting an amazing shot in a new location each time was a great way to explore and further cultivate my photography skills.





Thank you

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