

Yuanxin (Jason) Yao

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Highly curious and passionate Industrial Designer who loves to problem solve and connect with others.

EDUCATION

Pratt Institute August 2016 - 2020

Bachelors in Industrial Design, Minor in Sustainability.

SKILLS

- Adobe Creative Suit
- Solidworks
- Fusion 360
- Keyshot
- SketchUp
- Wearable Design
- Furniture Design
- Lighting Design
- Textile
- Table Top Design
- Problem Solving
- Wood Working
- Metal Fabrication
- Sketching
- Prototype
- Team Work

DESIGN EXPERIENCE

Industrial design, Freelance Design

-Vancouver, BC May 2020 - Present

- Develop products from Idea to finished design.
- Create graphics and logos.
- Take product photos
- Guide the creative direction process for Clients.
- Write design briefs for clients.

Oso Industries, Furniture/product designer

- Brooklyn, NY Jan 2020- march 2020

- Oversaw the curation of upcoming projects, ensuring designs are manufacturable and what manufacturing technique is required.
- Developed new furniture pieces as well as small table top goods using Solidworks, Keyshot, sketchbook pro and other CAD programs.
- Created fun new ways for the user to enjoy the unboxing experience.
- Worked on advertisement, logos, business cards, and samples.
- Managed upcoming projects, making sure that designs are progressing along to meet the deadline.
- Developed collaborative projects with other designers and artists, ensuring that both companies materials, techniques and finishes are honored in a balanced and cohesive way.

Mount Sinai, Bio Design Intern

- Manhattan, NY

Jan 2020- march 2020

- Using 3D printing, Laser cutting, CNC and Slip casting to prototype and make functional models.
- Research, problem solve, and make upgrades to preexisting products.
- Ideate/design with Fusion 360, Solid woks and Sketch up .

Pratt Institute, Woodshop, Metal shop, 3D printing/Laser cutting lab. - Brooklyn, NY

April 2018 - March 2019

- Opened up the shop and making sure all the machinery and equipment are operating correctly and ready to be used.
- Setting up/creating specialized Jigs to fabricate certain parts.
- Help students problem solve and figure out the best way to manufacture the design/part.
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SELECTED PRATT PROJECTS~

General Motors, The future of Farming,

- Remote Jan 2020 - May 2020

- Finding suitable applications for the new GM hub motor.
- Studying and understanding the farming industry as well as the current issues.
- Designing a transportation tool that helps to speed up the process of seeding, maintenance and harvesting to reduce common work injuries in the farming industry. triple/milti plane drop stitching that was inspired by paddle boards to achieve the desired tri-oval profile.

NASA, Inflatable Handrail Project for the International Space Station

- Brooklyn NY/Houston TX

Jan 2020 - May 2020

- Identified current issues with the handrails on the ISS.
- Studied and understood how astronauts moved and the work they need to perform.
- Worked with a team on developing an ergonomic and structurally sound inflatable handrail that can hold 120lb and be self deployable.
- Tasked with material research, testing and executing the desired tri-oval handrail profile out of inflatable material that naturally wants to be round.
- Developed a new construction technique called triple/ milti plane drop stitching that was inspired by paddle boards to achieve the desired tri-oval profile.

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OTHER WORK EXPERIENCE

Car Dealing/Repair/Detailing

-Vancouver, BC

May 2020 -Present

- Negotiate deals with sellers and buyers.
- Locate desirable cars for myself and buyers.
- Diagnose the vehicles and perform repairs.
- Detailing vehicles for myself as well as other clients.
- Transport Vehicles across the boarder.

Short Film, Film set

-Vancouver, BC

July 2023

- Worked as a Sound assistant, Camera assistant, and Lamp Operator/grip.

Visionary Productions, Film set

-Vancouver, BC

June 2023

- Worked as a locations PA as well as the Sound Assistant to produce a short pilot called Hegemon.
- Facilitated and directed each actor/actress to their proper location on set to make things run smoothly.
- Recorded ambient room sound with an external microphone, operated the boom as well as mic up actor/actresses.

Sunrise, Retail

-Vancouver, BC

Jan 2021 -Apr 2021

- Educate customers on all of our products.
- Give each customer the best and most memorable in store experience.
- Coordinate with brands and distributors about carrying their products.
- Made sure our inventory was always stocked up and where they needed to be.
- Opened and closed shop.
- Sold the most products each month.