



EDUCATION

BROWN UNIVERSITY- PROVIDENCE, RI

Expected Graduation May 2024

- Majoring in Mechanical Engineering, GPA: 3.69/4.0

SEATTLE ACADEMY OF ARTS AND SCIENCES - SEATTLE, WA

Graduated June 2020

- High Honor Roll all four years, GPA: 3.93/4.0

WORK EXPERIENCE

WORKSHOP MONITOR | Brown University, Brown Design Workshop

2023 - Present

- Teach workshops to workshop members in areas including safety, 3-D printing, laser cutting, metalworking, woodworking, and electronics.
- Foster a creative and collaborative environment in the student-run makerspace and machine shop by answering questions, fixing machines, creating new workshops and signage, and addressing organizational issues.

ENGINEERING MENTOR | Brown University, Brown Design Workshop

2021 - Present

- Work as Teaching Assistant in the Brown Design Workshop for the intro to engineering class at Brown University.
- Teach the design process and engineering projects to groups of 4 first-year engineering students.
- Pass on what I have learned and get first-year students excited about engineering, machining, and design.

ROBOTICS MENTOR | The Wheeler School, The Design Innovate and Build Lab

2021 - Present

- Mentor high school students and coach all aspects of F.I.R.S.T. robotics competition focusing on teaching engineering concepts and mechanism design.
- Help students think critically and problem solve using concepts learned in school to design a robot that completes a given set of challenges.

SITE DIRECTOR | Girls Rock Math

2020 and 2022

- Ran specific summer camp sites and took responsibility for everything from campers' safety to creating schedules and organizing counselors.
- Met daily with teachers, assistant site directors, administrative staff, counselors, counselors in training, campers, and parents to ensure camp was successful in meeting the goal of empowering girls in STEM.
- Handled all logistics to ensure campers had a safe and fun summer and came away confident in math.

LAB EXPERIENCE

LAB RESEARCH INTERN | Brown University, Naik Lab

2021

- Ran an individual protein purification project that investigated the interaction of CaM and a binding site on a drug in development.

LAB RESEARCH INTERN | Fred Hutchinson Cancer Research Center, Torok-Storb Lab

2020

- Conducted a colony assay project for cancer research. Specifically studied the viability of fresh and frozen canine blood cells for cancer research.

HIGH SCHOOL SUMMER RESEARCH INTERN | Fred Hutchinson Cancer Research Center, Walter Lab

2019

- Conducted an RNA sequencing project which investigated the viability of CD33 protein as a target for an Acute Myeloid Leukemia antibody treatment. At the end of the internship, presented findings at summer research symposium.

ACTIVITIES

TEAM MEMBER | Brown University, Brown Formula Racing Team

2022 - Present

- Work on a small new member team and used CAD, machining, and design skills to create a pillow block wrench.

EXECUTIVE BOARD PRESIDENT | Brown University, Society of Women Engineers (S.W.E.)

2020 - Present

- Active Vice President and handle finances and growing the S.W.E. legacy at Brown University.
- Joined as an executive board member my first year at Brown University.
- Planned events and helped foster an empowering and supportive community for female-identifying engineers on campus.

ACTIVE BROWN/RISD HILLEL MEMBER

2020 - Present

- Joined Jewish learning groups including Narrow Bridge Project Cohort and Jewish Learning Fellowship to discuss Jewish life and learning.

TEAM MEMBER | Competed in F.I.R.S.T. Tech Challenge and F.I.R.S.T. Robotics Challenge

2016 - 2020

- Competed in For Inspiration and Recognition of Science and Technology (F.I.R.S.T.) all four years of high school and was team captain for three years. Selected to be one of 150 Dean's List Finalists out of thousands of competitors.
- Led teams as small as 8 to as large as 45 people. Also taught machine skills and how to design and build parts. Team awards: Think Award at World Championships; FRC Rookie Allstar and Second Seed Alliance at Districts.

PERSONAL

Born in Chongqing, China • Grew up in Seattle, WA • Love hiking, backpacking, and bouldering • Avid baker • NYT spelling bee fanatic



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