

crystal wu

experience

Cornell Autonomous Sailboat Team

Business Subteam

📍 Ithaca, NY

📅 Fall 2018 - Present

- An interdisciplinary engineering project team that designs and builds a fully autonomous robotic sailboat for competition and research.
- Part of subteam in charge of public relations, branding, social media, sponsorships, and corporate relations.
- Designed team logo, apparel, and sponsorship information packet, and created promotional video.

Smith College Science and Engineering Program

📍 Northampton, MA

📅 Summer 2017

- Designed and built an automatic catapult that used data from external sensors.
- Constructed a DJI Flamewheel 450 drone and created media presentations on the potential of drone use in scientific research.

leadership

Stringendo Orchestra School

Teaching Assistant

📍 Wappingers Falls, NY

📅 Fall 2016 - Spring 2018

- Taught and mentored elementary and middle school students to read music, count rhythms, and proper violin technique through group and one-on-one sessions.

Science Olympiad

Treasurer

📍 Hopewell Jct, NY

📅 Spring 2017 - Spring 2018

- Led two teams of 15 members each to prepare for and compete at regional and state Science Olympiad competitions.
- Managed team dues, budget, and apparel design and orders.

Self-Employed Math and Science Tutor

📍 Hopewell Jct, NY

📅 Fall 2014 - Spring 2018

- Tutored elementary, middle, and high schoolers in various levels of math and science.

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education

Cornell University

B.S. Electrical and Computer Engineering,
Minor in Information Science

📍 Ithaca, NY

📅 Expected May 2022

- GPA: 3.87/4.00, Dean's List Fall 2018

Intro to Computing in Python

Circuit Analysis

Differential Equations

Computing Tech Inside Your Smartphone

John Jay Senior High School

Advanced Regents Diploma

📍 Hopewell Jct, NY

📅 Fall 2014 - Spring 2018

- GPA: 3.95/4.00

skills

Python

Figma

HTML/CSS

LaTeX

Microsoft Office Suite

Adobe Creative Suite

Illustrator

Photoshop

InDesign

Premiere Pro

Lightroom CC

awards + activities

Clubs + Organizations

Alpha Phi Omega Service Fraternity

Cornell IEEE Executive Board

Women in Computing at Cornell

Chinese Students Association

Awards + Distinctions

National AP Scholar

National Merit Commended Student

Scholastic Art & Writing Awards

National Spanish Honor Society

Interests

Graphic Design, Photography, Violin