

## Education

### Cornell University, College of Arts & Sciences

Ithaca, NY

Bachelor of Arts in Information Science, Cognitive Science, GPA: 3.8

Expected May 2025

**Related Courses:** Intro to Prototyping & Physical Computing, Re-Designing Robots, App Design and Programming, Web Development and Design; Trends in Web Development; Digital Product Design; Designing Tech for Social Impact, Making Change by Design; OOP & Data Structures (Java); Discrete Structures; Networks; Data Science; Backend Development; Machine Learning

### Technical Skills

- **Back-end Development Tools:** Python, Java, OOP Programming, SQL, Flask, SQLAlchemy, SQLite3
- **Front-end Development Tools:** HTML/CSS & JavaScript, TypeScript, PHP, React.js, Node.js, Vue.js, Arduino
- **Developer Tools:** Git, GitHub, Docker, DockerHub, VS Code, Eclipse, Atom & Postman, Jupyter
- **Design Tools:** Figma, Notion, Canva, Adobe InDesign
- **Data Analysis/Visualization Tools:** Python Pandas, Python Numpy, R

## Project Experience

### Assistive Moving Cart for Statler Hotel Housekeeping

Ithaca, NY

Designer & Developer

Jan 2025 – ongoing

- Collaborated with Statler Hotel's housekeeping to design an assistive moving cart to reduce weight and improve efficiency.
- Developed a load bearing and weight distributing optimization mechanism.
- Integrated Arduino and sensor-based control systems for improved functionality.

### Ithaca Soap

Ithaca, NY

UI/UX Designer

Jan 2025 – ongoing

- Conducted user research, client interviews, and design frameworks analysis to refine UI/UX.
- Utilized Vue.js framework for development, including wireframing, prototyping, and deployment.

### CubeScrub – Robotic Cleaning Arm

Ithaca, NY

Designer & Developer

June 2023 – August 2023

- Developed a robotic cleaning arm for curved dishes using 5 motors (5V), synchronized 2 motors for coordinated movement
- Implemented mechanical systems as belt & pulley for 3D movement, rack and pinion, a ball joint for a flexible cleaning arm
- Designed and fabricated the physical structure using 3D printing, laser cutting, and CAD modeling.
- Led wiring and programming of all components using Arduino

### Participatory Design Research and Technology Development Initiative

Edinburgh, UK

UI/UX Designer

Jan 2024 – May 2024

- Collaborated with a multidisciplinary team to tackle tourist traffic congestion during the Edinburgh Fringe Festival.
- Conducted user research through focus groups, elicitation studies, and stakeholder interviews to gather insights from past festival attendees and tourist agencies, identifying key challenges and user behaviors in event planning
- Consulted with Joshua Ryan-Saha, co-founder of TravelTech, to explore the integration of AI and data into tourism.

### Nylon Software start-up

Ithaca, NY

Full Stack Developer

June 2023 – August 2023

- Developed an app that facilitates partnerships between local businesses and enables users to participate in loyalty programs.
- Conducted market research by interviewing business owners to identify issues related to customer retention and reward.
- Contributed to the design and flow prototyping in Figma, incorporating best design principles.
- Created 20 front-end screens using React framework within a tight deadline of 2 weeks.
- Collaborated with a team consisting of a marketer and 6 other full stack developers.

## Extracurricular Activities

### International Student Union (ISU)

Ithaca, NY

Vice-President of Publicity

March 2022-March 2023

- Edited, coordinated, and sent out the bi-weekly newsletter to over 100 active members.
- Led a 10-person team through mentorship and systematic meetings, resulting in 500 student engagements
- Collected \$4,000 for the annual fundraiser for Armenia and Iran.
- Initiated the news reporting protocols for the club to be more transparent and inclusive.

### Cornell Daily Sun

Ithaca, NY

Associate Editor in Training, Opinion Columnist

August 2022-March 2023

- Completed a comprehensive 6-week training program focused on associate editor responsibilities.
- Oversaw and edited the subjective section (50 writers) of the Cornell Daily Sun, including the opinion section, dining and arts sections, and guest columns. Supervised the dining and arts editors.
- Attended weekly managing board meetings of 7 people, actively engaging in executive decision-making processes to shape the newspaper's vision.
- Resulted in departmental changes through actively advocating for underrepresented groups in my column read by 16,000 readers in print and 200,000 readers per month on the website.