Caroline Chin

EDUCATION

Tufts University, *School of Engineering,* Somerville, MA
September 2020 – May 2024
Bachelor of Science in Computer Science
Minor in Engineering Management

EXPERIENCE

OneCity Rising, New York, NY
Web Development Intern
Summer 2023
- Designed and developed the OneCity Rising website in WordPress using HTML, CSS, and JavaScript
- Key features include operating mailing list and donation button
- Created a MailChimp account and designed email newsletters to drive awareness and donations

Tufts University, Somerville, MA
Programming Languages Teaching Assistant
August 2023 – Present
Data Structures C++ Teaching Assistant
January 2022 – May 2023
- Lead and facilitate weekly labs of 30+ students, assisting students and reinforcing concepts and topics covered in class
- Lead weekly office hours assisting students with debugging and explaining homework assignments, projects and class material
- Grade and provide feedback on programming and coding assignments

Tekscape, New York, NY
Field Technician Intern
Summer 2023
- Assisted in managing, monitoring, and updating client computer networks
- Traveled to client sites to install hardware, diagnose and resolve technical network issues
- Authored and revised resource and training guides for technical solutions

Campaign to Elect Maria Danzilo, NY State Senate, New York, NY
Technology Intern
Summer 2022
- Managed a social polling app to engage voters and gain an understanding of community needs and public perception to drive campaign strategy
- Leveraged automated analytics to assess campaign effectiveness and formulate social and political activities to identify additional voters and political endorsements

PROJECTS

Naturalistic Threat Modelling Tool
Fall 2023 - Spring 2024
- Collaborated with the Tufts Security and Privacy lab to develop a custom naturalistic threat modeling tool
- Developed Python scripts to parse and analyze pytm's threat library
- Conducted unit testing on the DSL to ensure accuracy and reliability
- Gained in-depth knowledge of the threat modeling concepts and practices

Halligan Helper
Fall 2022
- Designed and created a website selling products to computer science students
- Feature includes a product page with backend inventory tracking and dollar amounts

CONTACT

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New York, NY 10028

SKILLS

GitHub: carolinejchin

Languages: C++, C, Java, Python, HTML, CSS, JavaScript, SQL, LateX

Technical Tools: GitHub, WordPress, MailChimp, VSCode, Linux, Figma

HONORS

Tufts University Dean's List
2020-2024

New England Small College Athletic Conference (NESCAC) Women's Squash All Conference First and Second Team
2021-2022 and 2022-2023 Seasons

US Squash Scholar Athlete Award
2016-2020 Seasons

EXTRACURRICULARS

Tufts University, Women's Varsity Squash
Co-captain
2022-2023 and 2023-2024 Seasons
- Lead and plan pre-season training sessions
- Organize and schedule team practice, challenge matches and social events
- Motivate and maintain team spirit and morale
- Assist head coach in evaluating and recruiting prospective student athletes

Tufts Bikes Club
2022 - Present
- Repair bikes for members of Tufts and free bike-share community

INTERESTS

Biking, Spikeball, Skiing, Surfing, Skateboarding, Traveling, and Gaming