

CAROLYN HOA

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Availability: January - June 2025

ACADEMICS

Education: **Northeastern University**, Boston, MA; **Khoury College of Computer Science** September 2023 - Present

Major: B.S. Computer Science and Design

GPA: 3.87/4.00, Dean's List

RELEVANT COURSEWORK: Object Oriented Design, Algorithms and Data, Fundamentals of Computer Science 1 and 2, Discrete Structures, Typographic Systems, Design Perspectives, Design Processes, Prototyping With Code

RELEVANT SKILLS

- **Java, Kotlin, HTML, CSS, JavaScript**, IntelliJ, Visual Studio Code, Processing, Adobe Creative Suite, Figma

PERSONAL AND ACADEMIC PROJECTS

SecureHub (*HTML, CSS, Bootstrap*) October 2023

- Developed a website to tackle cybersecurity challenges within the Oakland community using HTML, CSS, and framework Bootstrap.

Stock Market Simulation App (*Java, Swing, MVC Architecture*) June 2024

- Developed a stock market simulator with real-time portfolio management using Java, Swing, and Alphavantage API.
- Implemented buy/sell transactions, portfolio queries, and data file operations; applied the Model-View-Controller pattern and custom caching for real-time data.
- Enabled users to efficiently manage and analyze stock portfolios through a responsive graphical interface.

Personal Website (*HTML, CSS, JavaScript*) September 2024

- Developed a portfolio website of my coding and design projects utilizing HTML, CSS, Javascript, and VSCode.

WORK EXPERIENCE

Business Internship at Tehnoj Incubation Center June 2022

- Participated as an intern for Tehnoj Incubation Center, a nonprofit, non-government organization that encourages poorer communities to build their own businesses in Mongolia.
- Led a research and writing team of five people, wrote a 16-page business proposal, and provided over 100+ edits to the proposal.

Chipotle Crew Member June - September 2023

- Delivered high-quality food service and customer interactions in a fast-paced environment.
- Assembled food orders with precise portion control, operated the cash register, and maintained a clean and organized work area while providing exceptional customer service.

Experiential Entrepreneurship Space Design Assistant January - April 2024

- Designed a space for entrepreneurs to use on Northeastern's Oakland campus.
- Created floorplans for four rooms within the designated space, picked out furniture, and implemented the design for the space. Designed a magazine showcasing the space and presented it.

Marketing Assistant February - April 2024

- Boosted event attendance and engagement through effective marketing and promotional strategies.
- Designed eye-catching flyers, executed promotional activities such as event tabling, and supported the planning and execution of student activities contributing to successful events.

OTHER ACTIVITIES

PawHacks Operations Team Member January - March 2024

- Contributed to the successful organization and execution of PawHacks, a school hackathon event with over 100 participants.
- Assisted in writing the judging rubric, developing the event schedule, and facilitating the hackathon.

Girls Who Code Vice President September 2023 - April 2024

- Vice President and co-founder of Girls Who Code at Northeastern's Oakland where I organized events and meetings, outreached to speakers for our Speakers Series events, and cultivated an inclusive environment for students to learn.

INTERESTS

- Listening to and creating music, Charcoal art