

CAROLYN HOA

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ACADEMICS

Education: **Northeastern University**, Boston, MA; **Khoury College of Computer Science**

September 2023 - Present

Major: B.S. Computer Science and Design

Expected Graduation: Spring 2027

GPA: 3.8/4.00, Dean's List

RELEVANT COURSEWORK: Interaction Design Principles, Web Development, Typographic Systems, Design Perspectives, Design Processes, Prototyping With Code, Designing Interactive Experiences, Computer Systems, Fundamentals of Computer Science 1 and 2, Discrete Structures, Object Oriented Design, Algorithms and Data, Introduction to Databases

RELEVANT SKILLS

- **Languages:** HTML, CSS, JavaScript, React, Typescript, Java, R, SQL, Python
- **Tools:** Figma, GitHub, Unit Testing, Swing, Bootstrap, IntelliJ, Visual Studio Code, R Studio, Google Colab, Notebook, Processing, Adobe Creative Suite, Tableau

PERSONAL AND ACADEMIC PROJECTS

Portfolio Website (*HTML, CSS, JavaScript*) carolynhoa.com

September 2025

- Designed and developed a personal portfolio website to showcase design projects and case studies using Figma, HTML, CSS, and JavaScript.

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

June 2024

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

ThoughtTrail (*Figma*)

March 2024

- Designed a mental wellness journaling app for teens and young adults, focusing on a calm, intuitive experience that encourages daily reflection and emotional self-awareness.
- Conducted user research to understand mental wellness challenges among teens and young adults.
- Created wireframe, mockups, and prototype in Figma, iterating based on feedback from weekly class design critiques.

EXPERIENCE

Scout Studio Designer/Developer *Boston, Massachusetts*

September 2025 - Current

- Conduct competitor and user research and translate insights into site maps and user flows to guide project direction.
- Design and iterate on website concepts and wireframes through Figma, creating low-fidelity, mid-fidelity, and high-fidelity prototypes, as well as designing logos, typography, and color palettes in alignment with brand strategy.
- Participate in weekly sprints to showcase work progress, code reviews, handle tickets, and join design critiques to ensure high-quality outputs.
- Develop and implement the website for The Student Kitchen, a non profit after-school program for NYC high school students, using HTML, CSS, and JavaScript to build an interactive and accessible platform.

Northeastern Business Services Sentiment Feedback Data Specialist Co-op *Boston, Massachusetts*

Jan 2025 - June 2025

- Designed interactive Tableau dashboards to visualize student sentiment, improving insights into campus experience.
- Cleaned and analyzed student feedback and campus operations data using Python and R, enhancing decision-making with actionable trends.
- Designed a responsive rating system to streamline student dining feedback; presented the prototype to the Associate Vice President of Northeastern's Business Services.

Scout Labs Designer *Boston, Massachusetts*

Jan 2025 - April 2025

- Designed the framework and prototype for a website and dashboard for The Mayor's Office of New Urban Mechanics (MONUM) using Figma.
- Conducted in user research and participated in client meetings to understand project requirements and inform design decisions.

Girls Who Code Vice President and Co-Founder *Oakland, California*

September 2023 - April 2024

- Organized weekly study sessions, social mixer events with over 100 attendees, and wrote the script for and outreached to local women in tech for our Speakers Series events.