

EDUCATION

Tufts University, School of Engineering - Medford, MA

Bachelor of Science in Computer Science and Human Factors Engineering, expected May 2019
GPA: 3.25

RELEVANT COURSES

Machine Structure and Assembly Language, Algorithms, Computer Interface Design, Web Programming
Data Structures, Advanced Engineering Psychology, Human Factors in Product Design, HCI

SKILLS

Computer Languages: C, C++, Java, HTML, CSS, JavaScript, and MatLab
Visual Design: Adobe Illustrator, Sketch, Balsamiq, and InVision
Human Factors: User Research, UI Design, Usability Testing, Wireframing
Computer Programs: Microsoft Office, SPSS, and CAD

EXPERIENCE

Verizon, Data Analytics and Artificial Intelligence Intern, June-August 2018

- Developed and added features to the Verizon Career Chatbot
- Integrated a Google Calendar Service with existing Verizon Employee Chatbot
- Created function that allows employees to create Google calendar events and send invitations through the internal employee chatbot
- Winner of National Verizon Intern Hackathon

Mechanical Engineering Department, Teaching Assistant, January-May 2016

- Graded homework assignments and projects for the Intro to Human Factors Engineering Class

PROJECTS

Tufts JumboCode, UX/UI Designer and Front-End Developer

- Designed the interface for the Boston Institute of Nonprofit Journalism website
- Assisted with front-end programming

Tufts PolyHack Project

- Designed and developed a web platform to connect solo travelers abroad
- Developed the interface and connected the front-end and back-end

School Projects

- Integer and Logical Operations: Image compression/decompression program created by packing and unpacking binary data and required the use of two's complement and floating-point arithmetic
- The Universal Machine: Emulated a Universal Machine that contained segmented memory, 8 registers, and 14 machine instructions.
- Binary Bomb: Debugged a binary "bomb" that used AMD64 assembly code
- Cache and Locality: Implemented an interface for blocked 2D arrays, and then performed image rotations using different array accessing methods, and analyzed their performance.
- Grep: Simulated Mac Spotlight feature by indexing and searching a file tree for strings.

Boston Red Sox Mock Interface

- Developed and prototyped a mock interface to be used at Red Sox games.
- Conducted user research, interviews, and usability testing to further advance the prototype.

LEADERSHIP AND ACTIVITIES

Imagnet Advertising Club, Account Manager

Society of Women Engineers, Event Planner

Tufts Human Factors & Ergonomics Society, General Member

Women in Computer Science, General Member