LINDA CAMERON

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EDUCATION

Tufts University, School of Engineering - Medford, MA
Bachelor of Science in Computer Science and Human Factors Engineering, expected May 2019

RELEVANT COURSES

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

SKILLS

Computer Languages: C, C++, Java, HTML, CSS, JavaScript, MatLab, x86 Assembly
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
- Integrated a Google Calendar Service with the existing internal employee chatbot that will allow employees to schedule meetings with others without having to check if others are free. If the given time slot is unavailable the chatbot will propose alternative times that are free for all parties. Estimated to save 98k productive hours and $4.4M in savings.
- Developed the Verizon Career Chatbot which is used by potential Verizon employee applicants to answer their questions regarding their application. Currently in production and estimated to serve 200K users with over $1M in estimated savings.

Mechanical Engineering Department, *Teaching Assistant*, January - May 2017
- Graded homework assignments and projects for the Intro to Human Factors Engineering Class

PROJECTS

Verizon Customer Attrition Model, June 2018
- Winner of 2018 National Verizon Intern Hackathon
- Created a service that showcased telecommunication sentiment across all major telecom companies on Twitter, Yelp, and Google Reviews.
- Predicted Verizon customer attrition rates across the U.S. by using social media data and data sourced from Kaggle. These rates were then displayed in an easy to use interface.

Tufts JumboCode, Sept. 2017 – May 2018
- Designed and developed the interface for the Boston Institute of Nonprofit Journalism website
- Added feature that allows users to filter stories based on topic, author, area, etc.

Travie, Solo Travelers App, October 2017
- Designed and developed a web platform at Tufts Polyhack to connect solo travelers abroad
- Developed the front-end and interface of the web platform

School Projects:
Integer and Logical Operations, Machine Structure Class Project, October 2017
- Created an image compression/decompression program by packing and unpacking binary data. Program required the use of two's complement and floating-point arithmetic

The Universal Machine, Machine Structure Class Project, November 2017
- Emulated a Universal Machine that contained segmented memory, 8 registers, and 14 machine instructions. Later profiled and refactored code to make the UM as efficient as possible.

Grep, Data Structures Class Project, May 2017
- Simulated Mac Spotlight feature by indexing and searching a file tree for strings.

Boston Red Sox App, April 2017 – May 2017
- Developed and prototyped an iPad app to be used at Red Sox games
- Conducted user research, interviews, and usability testing to further advance the prototype

LEADERSHIP & ACTIVITIES

Society of Women Engineers, *Event Planner*
Imaginet Advertising Club, *Account Manager*
Tufts Human Factors & Ergonomics Society, *General Member*
Women in Computer Science, *General Member*