LINDA CAMERON

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Medford, MA

EDUCATION	**Tufts University, School of Engineering - Medford, MA** Bachelor of Science in Computer Science and Human Factors Engineering, expected May 2019 GPA: 3.02
RELEVANT COURSES	Machine Structure and Assembly Language, Algorithms, Computer Interface Design, Web Programming, Data Structures, Advanced Engineering Psychology, Mechanics – Statics & Dynamics
SKILLS	**Computer Languages:** C, C++, 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

PROJECTS

Tufts JumboCode, *UX/UI Designer*
- Designing the interface for the Boston Institute of Nonprofit Journalism website.
- Assisting with front-end programming.

Tufts PolyHack Project
- Designed and developed a web platform to connect solo travelers abroad
- Developed the interface of the platform using HTML/CSS, javaScript, and Flexbox
- Connected the front-end and back-end

School Projects
- Arith: Image compression/decompression program created by packing/unpacking binary data and required the use of two's complement and floating-point arithmetic
- 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

Imaginet Advertising Club, *Account Manager*
- Met with clients to determine needs and to come up with plan to advance their organization.
- Facilitated brainstorming sessions with group members to determine proper course of action.
- Analyzed scope of recent advertisements and marketing campaigns.

Society of Women Engineers, *Event Planner*
- Plan and organize networking, community outreach, and social events for Tufts' women engineers.

Tufts Human Factors & Ergonomics Society, *General Member*
Women in Computer Science, *General Member*

EXPERIENCE

Mechanical Engineering Department, *Teaching Assistant,* January-May 2017
- Graded homework assignments and projects for the Intro to Human Factors Engineering Class
- Gave feedback on assignments and answered students' questions on class topics

Carson Optical, Inc., Ronkonkoma, NY **–** *Engineering Intern,* July-August 2014
- Designed and prototyped a magnifying glass with other engineers