

## JACOB CACCAMO

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Online Portfolio: [jacobcaccamo.com](http://jacobcaccamo.com)

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### Education

**Tufts University**, Medford, MA

BS in Engineering Psychology, Special Interest in Computer Science

GPA: 3.96 (4.00 in major) *Summa Cum Laude* De Florez Prize in Human Engineering Recipient (2017)

Relevant Coursework: Computer Interface Design, Human Factors Product Design, Human-Machine System Design, Human Computer Interaction, Computer Aided Design, Data Structures (C++), Web Programming, Game Development, Discrete Mathematics, Ergonomics, Experimental Psychology, Behavioral Statistics

### Skills/Tools

Adobe Illustrator, Adobe Photoshop, Balsamiq, MATLAB, HTML, CSS, JavaScript, D3, jQuery, C++, Python, Node.js, Git, Unity, 3DSMax, AutoCad, Inventor, Revit, Adobe Audition, Amazon Mechanical Turk, 508 Compliance Testing

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### Experience

**July, 2017 – Present**

**Booz Allen Hamilton**, Washington, DC

**UI/UX Designer - Technologist** (*Full-time*)

- Serve as a UI/UX consultant for both external clients and internal projects.
- Design wireframes, high-fidelity mockups, and visualizations for various projects.
- Design and contribute to the development of web applications.
- Test applications for 508 compliance and accessibility standards.

**2016 – 2017**

**Red Hat, Inc.**, Tufts University

**Tufts Team Lead & Designer** (*Senior Capstone Project*)

- Led the design team of the Ansible Galaxy redesign, a web-based IT automation sharing platform.
- Conducted human factors research to characterize users and identify areas of UX improvement.
- Employed design principles and methods to develop an improved UI.

**2016 – 2017**

**Center for Applied Brain & Cognitive Sciences**, Tufts University

**Human Factors/Engineering Psychology Researcher** (*Full-time summer/paid, course credit*)

- Explored an extension of the adjustable autonomy concept working with quadrotor drones.
- Led research and development for an operator monitoring scheme to assess user cognitive state.
- Designed the experimental protocol for testing the adjustable autonomy concept.
- Researched a variety of physiological indices for potential operator monitoring input modalities.
- Coded a Unity simulation of the autonomy experiment and tested participants for data collection/analysis.

**Summer 2015**

**Resilinc, Inc.**, Milpitas, CA

**UI/UX Intern** (*Full-time summer/paid intern*)

Resilinc is a leading cloud provider of global supply chain risk intelligence and analytics.

- Developed initial mobile app prototype for a real-time supply chain event monitoring service.
- Designed an application dashboard to optimize contact interaction and task management.
- Coded a program utilizing dashboard data to determine the most frequently used app modules.
- Assisted in determining the style and theme for a new website and designed key branding elements.
- Created the website ([theresiliencycouncil.org](http://theresiliencycouncil.org)) using WordPress, HTML, and CSS.

**Summer 2014**

**Audience, Inc.**, Mountain View, CA

**Engineering/Algorithm Intern** (*Full-time summer/paid intern*)

Audience is a leader in advanced voice and audio processing technologies for mobile devices.

- Collected, categorized, and documented field data for a machine learning project.
- Performed research for a new work management process leveraging Amazon Mechanical Turk.
- Created a detailed manual describing the process for hosting audio files on Mechanical Turk.
- Prepared an informational presentation for internal education/training purposes.