



Jacob Caccamo

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 Washington, DC

Skills

- UI/UX Design
- UX Research
- Front-End Development
- Visual Design
- Drupal Theming
- Accessibility Design

Tools

- Sketch
- Figma
- Illustrator
- Photoshop
- React
- Pattern Lab
- HTML, SCSS, JS

Education

Tufts University

B.S. Engineering Psychology

4.00 Major GPA
3.96 Overall GPA

Summa Cum Laude

De Florez Prize in Human
Engineering (2017)

Dean's List: Fall 2013, Spring
2014, Fall 2014, Spring 2015, Fall
2015, Spring 2016, Fall 2016

Experience

Booz Allen Hamilton

Associate | Lead Technologist July 2017 - Present

National Institute of Allergy & Infectious Diseases

- Designed and developed the COVID-19 Prevention Network to help recruit volunteers for COVID-19 vaccine trials. 19K Daily Average Users, 11M+ Page Views
- Developed the visual theme of the NIAID intranet as part of an end-to-end redesign and migration project (SharePoint to Drupal 8).
- Led the visual design refresh and front-end development effort for the NIAID public website: www.niaid.nih.gov.
- Created the Pattern Lab instance for Drupal 8, using HTML, CSS, JavaScript, and Twig, which serves as the creative guide and design platform to reduce front-end development time.
- Built a master prototype to guide the Drupal development team in creating UX-verified layouts.
- Designed and facilitated an eye tracking study to evaluate and enhance the intranet and public websites' visual designs.
- Facilitated a Design Sprint with key stakeholders to assess and improve the overall digital experience of NIAID employees.

Visual Design Community (VDC) - Community Lead

- Work to fulfill the VDC's mission of connecting designers within the firm.
- Communicate leadership decisions and other information to the community.
- Track action items among leads and facilitate progress.
- Plan events and coordinate monthly status reports.

Innovation Center

- Conducted multiple brainstorming sessions with site stakeholders to create the design and development roadmap for a four-stage deployment process.
- Gained project plan approval from directorate leadership for the web app, accessible to 25K+ employees.
- Produced speculative wireframes and high-fidelity mockups to more effectively display content and improve user comprehension/satisfaction.
- Managed the UI development and directed interaction choices to increase site user experience.
- Led two developers toward completing Phase 1 of the site remodel effort.

Red Hat & Tufts University

Tufts Team Lead & Design Senior Capstone Project

- Led the design team of the Ansible Galaxy redesign, a web-based IT automation sharing platform.



Awards

- Booz Allen Hamilton VIP Award
- NIAID 2020 Merit Award
- NIAID 2020 CIO Award
- Apps 4 Digital Peace - 1st Place

Projects

Allsafe

Allsafe is a platform designed to democratize access to actionable cyber threat intelligence. Our project pitch was awarded 1st place in the Apps 4 Digital Peace competition, hosted jointly by the Cybersecurity Tech Accord, the UN Office of Disarmament Affairs (UNODA), and the UN Office of the Envoy on Youth.

[View Project](#)

Marvel Movie App Concept

The Marvel Movie App concept is a passion project I created to practice and showcase my visual and app design skills. The app is designed as a platform to watch Marvel films and learn more about the characters and the Marvel Cinematic Universe at large.

[View Project](#)

Red Hat & Tufts University (Continued)

- Conducted human factors research to characterize users and identify areas of UX improvement.
- Employed design principles and methods to develop an improved UI.

Center for Applied Brain & Cognitive Sciences, Tufts University

Engineering Psychology Researcher May 2016 - May 2017

- 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.

Resilinc, Inc.

UI/UX Intern Summer 2015

- 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 & theme for a new website and designed key branding elements.
- Created the website (theresiliencycouncil.org) using Wordpress, HTML, and CSS.

Audience, Inc.

Algorithm Intern Summer 2014

- 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.