






Jacob Caccamo








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Skills

UI/UX Design
UX Research
Front-End Development
Design Systems
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

Fidelis Cybersecurity

UI/UX Designer November 2021 - Present

- Lead the design and development of the Fidelis Design System to unify UI and UX across teams and applications.
- Design complex, data-driven dashboards and views to aid cyber analysis and response.

Booz Allen Hamilton

Associate | Lead Technologist July 2017 - October 2021

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.

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 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

Tufts Team Lead & Design 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 for 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.