Katie McTigue

Designer &
Developer

**Carnegie Mellon University,
School of Computer Science**
Master of Human-Computer
Interaction
August 2020
GPA: 4.0

**Florida State University,
School of Information**
Bachelor of Science: Information,
Communication & Technology
May 2016
Sherron Outstanding Student Award

EXPERIENCE

NASA Ames Research Center | Product Designer (Capstone Project)

Pittsburgh, PA / Mountain View, CA, January - August 2020

Designing a system to empower astronauts to diagnose spacecraft anomalies without the support of Mission Control on the first crewed mission to Mars.

Conducted generative research including a contextual inquiry at Johnson Space Center, 20+ interviews, 5 storyboard speed-dating sessions, and a diary study with 105 participants.

TeleTracking Technologies | Product Designer

Pittsburgh, PA, October 2017 - Present

Lead designer of TeleTracking's first AI-based product: a census-projection tool for hospitals. Worked closely with Product Management to conduct generative and evaluative research and define the product road-map.

Served as the liaison between the design and engineering teams, evangelizing intuitive design patterns and best practices for UI development.

Worked with a team to establish the Mosaic Design System. Standardized hundreds of colors, icons, and atomic UI components across five products.

The OH!Lab at Carnegie Mellon | Researcher (Independent Study)

Carnegie Mellon University, April - August 2019

Designed and developed a virtual deck of cards to teach students core learning science principles for educational game design.

Diverse Computing | User Experience Lead

Tallahassee, FL, May 2015 - October 2017
Promoted from Marketing & UI Design Assistant, April 2017

Designed and developed responsive web applications that thousands of law enforcement officers rely on to find criminal records in high-stakes situations.

Executed a complete corporate rebrand, implemented a style guide and design system, and trained all employees on brand standards.

The Tallahassee Ballet | Communications Director

Tallahassee, FL, October 2014 – August 2017

Authored and published press releases, web copy, social media campaigns, print marketing collateral, and email campaigns.

Analyzed online engagement metrics through Google Analytics and Hootsuite; increased reach using social media advertising and strategic SEO.

CONTACT

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SKILLS

Contextual Inquiry
Journey Mapping
Information Architecture
Rapid Prototyping
Interaction Design
Usability Testing
Product Strategy
Data Analysis

TOOLS

Sketch, Figma, Invision
Illustrator, Photoshop, InDesign
HTML, CSS, Sass, Less
React, Angular JS, Angular 2
Javascript, Typescript

CERTIFICATIONS & HONORS

PMC Level III (Pragmatic Management Certified) (2020)

Member, AIGA Pittsburgh (2020)

Best Use of a Theme, IGDA Pittsburgh Board Game Jam (2019)

3Back ScrumMaster Training (2017)

Gene Sherron Outstanding Student Award (2016)