

Katherine A. Williams

Front End Software Engineer

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SUMMARY

Detail-oriented, creative and eager-to-learn web developer with a background in ultrarunning, foreign languages, television/radio/web production, software marketing, and resort town law enforcement.

I thrive on teams that prioritize professional growth and personal growth, and enjoy building beautiful, intuitive interfaces that people love to use. I am equally interested in learning the advanced principles of UI/UX and back end development languages, and really enjoy the research and strategy phases of a new project.

PROJECTS

BEACON

This search and rescue app connects overdue adventurers to their emergency contacts and Colorado SAR teams without relying on cell service. Built in an entirely new framework during a two week sprint, with one other front end engineer and a two-person backend team. Beacon won 1st Place at Turing's Demo Competition.

- React Native, Redux, Expo, GraphQL, Jest/Enzyme, Travis CI, Illustrator

Repositories: [Front End](#), [Back End API](#), [Email Notification Service](#)

COLOR SCHEMA

Built during a two week sprint, this color palette making tool was made with web developers in mind. Users save five colors to a palette, then multiple palettes to a project, and all information persists in a deployed relational database. The UI reflects schema diagrams and the one-to-many nature of a project and its palettes.

- Node.js, Express, Knex, React, Jest/Enzyme, Travis CI, Heroku

Repositories: [Back End](#), [Front End](#)

View Project: [Heroku](#)

NPS HELPER

This web app consumes data from the National Parks Service, Trail Run Project and Mapbox API's. It displays information on National Parks and Monuments with photos, an area map, and nearby trail running opportunities. Challenges included async JavaScript testing, the responsive layout and a tight deadline.

- React, React Router, Redux, Jest, Enzyme, ESLint

Repository: [NPS Helper](#)

View Project: [GitHub Pages](#)

SKILLS

- React, React Native, JavaScript and jQuery
- Accessible HTML5 and CSS/SCSS
- Node.js, Express, Knex and Postgres
- TDD with Mocha/Chai or Jest/Enzyme
- Git, GitHub VCS and Travis CI
- Clubhouse, Trello and GitHub projects
- Illustrator, InDesign, Xd, and Premiere Pro
- Read, write and speak French

EDUCATION

Colorado Mountain College

- Certificate in Graphic Technology

Western Michigan University

- B.A. in French and Media Studies

EXPERIENCE

TURING SCHOOL OF SOFTWARE & DESIGN 2019

- Front End Engineering graduate
- Ten months of accelerated study
- Group & project-based learning

BRECKENRIDGE POLICE DEPT Detective 2017 – 2019

- Investigated major criminal cases
- Initiated and completed an overhaul of Evidence Room and Operations Manual
- Lead incident awareness briefings for community volunteers

AMW MACHINE CONTROL Marketing Manager 2015 – 2017

- Family business that built software for agriculture and heavy machinery
- Created a WordPress website, MailChimp campaigns, product tutorials, trade show materials and magazine ads