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SKILLS

FRONT END

- Javascript
- React / Redux
- jQuery
- HTML5 / CSS3
- SCSS / Styled Components
- UX / UI
- Accessibility / ADA

BACK END

- Node.js / Express
- Jest / Enzyme
- PostgreSQL
- REST APIs
- GraphQL

OTHER

- Continuous Integration
- Object Oriented Programming
- Test Driven Development
- AWS Cloud Practitioner

EDUCATION

**Turing School
of Software and Design**
Software Engineering Certificate
August 2019 - March 2020

- *Invested more than 1600 hours over eight months to learn the fundamentals of building software with a focus on frontend web development.*

Western Washington University
Bachelors in Geography / GIS
September 2011 - June 2016

BENJAMIN FIRTH

SOFTWARE ENGINEER

PROJECTS

ican2

A full-stack app connecting users seeking a mentee/mentor relationship. Users can create a profile, search through all mentors (with filters), and message each other in app.

Tech: React / Redux / GraphQL / Jest / Enzyme
Rails / GraphQL / RSpec / PostgreSQL

palettePickr

A full-stack app which creates randomized color palettes. The user can lock colors, create projects, and store palettes.

Tech: React / Redux / Router / Jest / Enzyme
Node.js / Express / knex / PostgreSQL

snackMACK

An app consuming a food-trucks API to display current truck locations to user. Utilizes Leaflet to display truck data on a map. A user can click on a truck to add or delete from a favorite list.

Tech: React / Redux / Sass / Jest / Enzyme / Leaflet

EXPERIENCE

Software Curriculum Developer at Kode With Klossy

March 2020 to June 2020

- Kode With Klossy is a non-profit summer camp aimed at enabling young women ages 13-18 to learn software development.
- Created Javascript & Swift front-end curriculum for all 2020 attendees of the Kode With Klossy camps.
- Topics included: data-types, classes, methods, state, events, etc.

Lead E-Commerce Representative at SCARPA North America

June 2018 to August 2019

- Managed / analyzed sales from E-Commerce, Pro Groups, and 3rd party purchase programs.
- Continuously updated website based on customer data.
- Guided website integration updates, AWS setup, and Accessibility/ADA compliance improvements.

GIS Analyst at City of Centennial

December 2017 to July 2019

- Analyzed spatial data for the 2020 Census.
- Automated processes through Python and SQL scripts.
- Produced cartographic representations of data for City Police and Zoning Departments.

GIS Analyst Intern at The Access Fund

March 2015 to June 2017

- Developed GIS datasets, reports, and cartography for use in national BLM and Forest Service recreation campaigns.
- This included the use of geo-processing tools, data modeling, ArcPy scripting, and advanced cartography through Adobe Suite software like Illustrator, Adobe XD, and Photoshop.