

Steven McHenry

Senior Computer Science Student

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EDUCATION

BS Computer Science - Graduating December 2020

San Francisco State University - 3.5 GPA

06/2018 - 12/2020

WORK EXPERIENCE

Full Stack Development Intern

WW (FORMERLY WEIGHT WATCHERS)

06/2019 - 09/2019

- Worked on and published production level code on an Angular front-end and a Node back-end. The entire project was split into various Docker containers and utilized a MySQL Database.
- Developed and was the active member of a SCRUM team that produced internal-facing software and went through the full code review process.
- Developed unit tests for all code that I contributed and found/fixed many bugs that were, until that point, unnoticed.

Software Technician Intern

NORSON ASYMTEK (Fluid dispensing manufacturer)

06/2016 - 02/2017

- Developed scripts that automated regression tests for software updates and features which involved third party automation in conjunction with JavaScript.
- Developed an automated smoke test from scratch that relieved developers on average 6 hours of manual testing with every patch release.
- Wrote test plans, generated test reports, and reported on the quality of metrics.

PERSONAL PROJECTS

Whisker - <https://github.com/StevenMcHenry01/whisker> 

- Full Stack GraphQL, Nextjs, and Postgres application.
- Fully featured dating application for cats with messaging capabilities!
- Strictly typed using Typescript on both the front and back-end with the use of TypeORM and TypeGraphQL.
- Utilizes a docker-based CI/CD implementation along with image upload through Cloudinary.

Reddit Royale - <https://reddit-royale.netlify.app> 

- React and Express application which allows users to login via their Reddit accounts, view an active list of the most popular subreddits, and pit them against one another in a duel.
- Fully functional and custom implementation of the OAuth protocol on the back-end.
- Deployed using an AWS EC2 Ubuntu server where I handled the reverse proxy via NGINX and SSL certificate.

Locations App - <https://github.com/StevenMcHenry01/locations> 

- Full-stack MERN application which allows users to create accounts and upload locations to the access screen.
- Utilizes full CRUD, custom authentication, image upload, and data persistence via a Mongo Database.

Bob's Burgers Menu - <https://bobsburgers.netlify.app> 

- React application using firebase for data persistence and authentication.
- The entire app is dynamic and updated in real-time depending on the user's input.

SKILLS

Languages

Java ▶ C ▶ C++ ▶ Javascript ▶ Node ▶ Typescript ▶ HTML/CSS ▶ SQL ▶ Python

Frameworks

React ▶ Express ▶ Angular ▶ Django ▶ Gatsby ▶ Next.js ▶ Apollo

Tools

Git ▶ Redux ▶ AWS ▶ MongoDB ▶ GraphQL ▶ Docker ▶ Unix ▶ TypeORM

COURSEWORK

Data Structures

Discrete Mathematics

Machine Structures

Operating Systems

Analysis of Algorithms

Networking

Internet Application Design

UI/UX

Database Design

Software Engineering

Programming Paradigms