

Employment

UI Developer II (Mid Level) United Wholesale Mortgage Nov-2021 - Present

- Hit the ground running adding a complex frontend feature during my first sprint.
- Increased total frontend test coverage of our application by 20%, and wrote a testing helper function that reduced the average number of lines in our test files by 25%.
- Wrote a Python based tool for our development team to automatically log us in to test accounts, saving our team members valuable time. - Javascript(ES6), VueJS, Vuex, Vue Router, SASS, Python, Git, Agile, Scrum

Teaching Assistant Michigan State University - Fullstack Bootcamp Sep-2021 - Mar-2022

- Assisted in teaching a 6 month, part-time, fullstack web development bootcamp.
- Taught multiple programming concepts within the Javascript web development ecosystem.
- Met with students weekly during office hours in small groups and 1:1 to mentor and cultivate a deeper understanding of concepts being taught in the bootcamp. -HTML, CSS, Javascript, MySQL, GraphQL, MongoDB, Express, React, Redux, Router, Git

Web Developer Arcade Apps LLC Jul-2021 - Nov-2021

- Maintain, and add features to the frontend, firebase cloud layer, and NodeJS code running on servers, and Raspberry Pi's for clawcrazy.com that allows users to play arcade claw machines through a web browser.
- Adapted to an environment using VueJS and Firebase and quickly began writing impactful features efficiently and effectively.
- Designed, and implemented custom digital control schemes for off the shelf arcade, ticket, and prize machines. -VueJS, Vuex, Vue Router, CSS, NodeJS, Firebase, Linux, Git

Senior Chemistry Technician Cook Nuclear Station / AEP 2016-2021

- Performed 24/7 shift coverage as the Lead Technician responsible for monitoring and maintaining the chemistry of Cook's two units that supply energy to power more than 1.5 million homes.
- Developed a frontend web paging alarm system to alert chemistry technicians of off-normal legally required samples. - HTML CSS Javascript

Technologies and Languages

- Javascript , HTML, CSS, NodeJS, VueJS, React, Axios, Express, Firebase, MongoDB, Cypress, Jest, Vue-Test-Utils, Python
- Linux, Bash, Git, Github, NPM, Adobe Photoshop and Lightroom

Personal Programming Projects

- **Blog Cabin** - Fullstack blog aggregation website. User creation and authentication has been implemented via password hashing and JSON web tokens. Users can 'root' for posts they find interesting. - React, SASS, Express, Node JS, MongoDB, Jest
- **Tetris** - Fully responsive javascript implementation of the classic falling block game. Touch controls are implemented for mobile users. The game mechanics were recreated from existing games, and the rules found on tetris wikis. - Javascript, HTML, CSS

Education
