

EDUCATION

- **Olivet Nazarene University**
BA in Computer Science

Bourbonnais, IL
September 2011 - May 2015

EXPERIENCE

- **OCLC**
Software Engineer - Identity Management Team

Dublin, OH
Sept. 2018 - Present

- Initiated/started efforts to move my team towards modern frontend tooling and practices, due to my prior work experience with front end technologies.
- Working with our UI/UX team to implement a new Material Design interface our login/user authentication application. This refactor will reach over 20,000 libraries and intuitions across the globe and also provides a better user experience for end users on mobile devices.
- Moving our login application to ES6/Typescript/SCSS and away from YUI/Jquery. SCSS gives more maintainable and scoped CSS and also allows for easier reuse in other applications. Eliminating YUI/Jquery allows us to ship much less code to an end user(from 30-40kb to just under 8kb).
- Rewriting a YUI based application in React, to take advantage of React's declarative rendering and DOM update capabilities. Part of an effort to move off of YUI js across the company to more modern JavaScript frameworks

- **Root Inc.**
Software Developer

Sylvania, OH
Sept. 2015 - Sept. 2018

- Lead the rewriting of custom grunt plugins to work with a webpack build system for our SPA framework. Utilizing webpack allowed us be consistent with the rest of our team's tech stacks for various projects
- Lead the development to rebuild our jQuery SPA framework in ES6/Webpack instead of jQuery/Grunt.
- Worked with a team(also solo) to develop SPA apps for clients.
- Worked with a team of developers to updates and add features to internal Node JS applications for our development team

PROJECTS

- **ITF Taekwondo App** A reference app for android that lists all of the patterns in ITF Taekwondo for easy lookup.
- **Wikipedia Summaries** React/Go app that gives you the Wikipedia summary for topics or words that you enter. Uses the Wikimedia REST API.
- **Daily Programmer Challenge App** A React/Express web app that pulls a random challenge from r/dailyprogrammer on Reddit Utilizes a javascript wrapper for Reddit's API(snoowrap).
- **Personal Site/blog** A personal site and blog with a static generator that I developed written in Rust

LANGUAGES AND TECHNOLOGIES

- **Languages:** Javascript, HTML, CSS, Java **Technologies:** React, Webpack, Jquery, SQL, SCSS
- **Operating systems:** Windows, MacOS, Linux