

EDUCATION

- **Olivet Nazarene University** Bourbonnais, IL
BA in Computer Science September 2011 - May 2015

EXPERIENCE

- **OCLC** Dublin, OH
Software Engineer - Identity Management Team 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. Includes rewriting front end applications using semantic HTML and ARIA to make them accessible for all types of users.
 - Converting the front end of our user login application(which serves over 24,000 different libraries) from YUI to ES6/TypeScript using Google's Material Design in order to provide a login experience that uses current design trends and performs well on mobile devices.
 - Rewriting a YUI application with React/Material UI components. React allows us to have a quicker and faster development experience. This application is part of our authentication/login flow for end users.
- **Root Inc.** Sylvania, OH
Software Developer 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/ios that lists all of the patterns in ITF Taekwondo for easy lookup. Also allows user to take save notes locally for a particular pattern/technique. Written in React Native.
- **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).
- **Static Site generator** Static site generator written in Rust that was the first version of my personal site/portfolio

LANGUAGES AND TECHNOLOGIES

- **Languages:** Javascript, HTML, CSS, Java **Technologies:** React, React Native, Webpack, Jquery, SQL, SCSS