Alex Strand

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EDUCATION

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

  Bourbonnais, IL
  September 2011 - May 2015

EXPERIENCE

- **OCLC**
  Software Engineer

  Dublin, OH
  Sept. 2018 - Present

  - **Working to convert Spring based applications to Spring Boot for a more consistent project structure for all of our applications.**
  - **Working with UX/UI teams and mobile teams to improve UIs in our applications. This assures that UIs are consistent across mobile application workflows.**
  - **Working with team members to move an application to ES6 JavaScript and adopt modern frontend tooling and processes.**

- **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 allows 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**

- **ONU Strickler Planetarium**
  Computer Operator

  Bourbonnais, IL
  August 2014 – May 2015

  - **Operated computer system and gave shows for groups of up to 50 people.**
  - **Wrote scripts and user documentation for the Digistar 3 projection software (in their proprerietary scripting language)**
  - **The user documentation would allow future students to further expand on my initial efforts to script the lookup and display of constellations for planatrium shows**

PROJECTS

- **OEG**   Oil Exploration Game Software for the ONU Geology Department. The purpose of this project(and the class) was to learn how to effectively work within a team of developers Worked with a legacy a Java client/server game built by a previous class. Managed and estimated time requirements for new features. Contributed to documentation and finding tools to use. Tested new features

LANGUAGES AND TECHNOLOGIES

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