WILL RICHARDSON

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About Me

Recently graduated from the University of Wisconsin - Madison with a BS in Computer Science and a minor in Mathematics. Seeking a full-time Front end, Backend, or Fullstack position with a value-driven company who I can both contribute to and learn from on a daily basis.

Work Experience

Software Engineer Intern   05/2018 – 08/2018
Optum, Eden Prairie, Minnesota

- Learned Agile workflow by working on a team of interns using CA Agile Central for task organization
- Built two web apps that streamlined communication between analysts and software engineers
- Developed the apps using full-stack web development technology, utilizing React.js, Materialize, Webpack, and Babel for the front end. The backend consisted of Java Spring Boot and MySQL
- Worked with Gherkin, Cucumber, and Selenium to build e2e tests
- Helped setup a Jenkins pipeline, abiding by the principles of CI/CD
- Dockerized production-level apps and deployed them to the OpenShift Container Application Platform

Software Engineer Intern   05/2017 – 08/2017
Starkey Hearing Technologies, Eden Prairie, Minnesota

- Developed software that stored test meta data and documentation into a database using C# and the .NET Framework
- Helped design a 10+ table schema in order to store the parsed meta data
- Worked with another intern to build a full-stack web app to display and organize the information stored in the database. The front end was built with Angular4, while the back end consisted of ASP.NET Core and Microsoft SQL Server

Education

Computer Science major / Math minor   09/2015 – 05/2019
University of Wisconsin - Madison

GPA 3.6/4.0
Clubs:
- Intramural Volleyball
- Smash Bros Club
- UPL (Undergraduate Project Lab)

Recent Project

Playlist Saver for Spotify

- Written as a backup in case Spotify ever goes down
- Web app that parses through a user's Spotify playlists and outputs a text document containing each playlist and its constituent songs
- Written with Node.js / Express and vanilla HTML, CSS, and JavaScript. Uses OAuth2 for authentication. Deployed to Heroku

Skills

Languages

JavaScript	▰▰▰▱
C#	▰▰▰▱
Java	▰▰▰▱
HTML/CSS	▰▰▰▱
SQL	▰▰▱▱
C++	▰▰▱▱
C	▰▰▱▱
Haskell	▰▱▱▱
Python	▰▱▱▱
Rust	▰▱▱▱

Technologies

React.js	▰▰▰▱
Webpack	▰▰▰▱
npm	▰▰▰▱
.NET Framework	▰▰▰▱
Git	▰▰▰▱
MySQL	▰▰▱▱
MS SQL Server	▰▰▱▱
Node.js	▰▰▱▱
Docker	▰▱▱▱
Jenkins	▰▱▱▱