

# WILL RICHARDSON

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## About Me

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Recently graduated from the University of Wisconsin - Madison with a B.S. in Computer Science and a minor in Mathematics. Seeking a full time Front End, Back End, or Full Stack position with a value driven company who I can both contribute to and learn from on a daily basis.

## Work Experience

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### **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 business analysts and software engineers
- Developed the apps using React.js, Materialize, Webpack, and Babel for the front end. The back end 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, documentation, and test case results into a database using C# and the .NET Framework
- Helped design a 10+ table schema in order to store the parsed data
- Worked with another intern to build a full stack web app to display and organize the test 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

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### **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

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### **Playlist Saver for Spotify**

- Web app that parses through a user's Spotify playlists and outputs a text document containing each playlist and its constituent songs
- Written with a Node.js / Express back end and HTML/SASS/ES6 JavaScript front end. Uses OAuth2 for authentication. Deployed to Heroku

Languages

JavaScript	<div><div></div></div>
C#	<div><div></div></div>
Java	<div><div></div></div>
HTML/CSS	<div><div></div></div>
SQL	<div><div></div></div>
C++	<div><div></div></div>
C	<div><div></div></div>
Haskell	<div><div></div></div>
Python	<div><div></div></div>
Rust	<div><div></div></div>

Technologies

React.js	<div><div></div></div>
Webpack	<div><div></div></div>
npm	<div><div></div></div>
.NET Framework	<div><div></div></div>
Git	<div><div></div></div>
MySQL	<div><div></div></div>
MS SQL Server	<div><div></div></div>
Node.js	<div><div></div></div>
Docker	<div><div></div></div>
Jenkins	<div><div></div></div>