

Joshua Wootonn

joshuawootonn@gmail.com | (515) 357-3803

joshuawootonn.com | github.com/jose56wonton | medium.com/@joshuawootonn

Education

The University of Iowa – Iowa City, Iowa

Bachelor of Science in Computer Science and Engineering

Estimated Graduation: May 2019

GPA: 3.54/4.00

Work Experience

IDx LLC, Iowa City, Iowa

Software Development Intern

May 2018 – Present

- » Created dashboard with React/Redux including a calendar, editable tables, and drag and drop
- » Setup local NPM proxy to hold company related Node.js packages
- » Established linting conventions with ESLint, and testing conventions with Jest and Enzyme
- » Organized a material themed component library specific to IDx projects

All American Concrete Inc., West Liberty, Iowa

Freelance Software Developer

May 2018 – Present

- » Rewrote existing labor tracking program with React.js and Electron.js
- » Created Loopback api and connected it to a MySQL database.
- » Hosted project on Google Cloud with App Engine and Cloud SQL.
- » Achieved full test coverage with Jest, Supertest, and Enzyme.

IDx LLC, Iowa City, Iowa

Software Development Intern

September 2017 – February 2018

- » Converted and optimized 3 legacy programs from Python to C#
- » Automated retrieval, markup, and update of requirement documentation on TFS and SharePoint
- » Created a web interface in React.js for automation control

All American Concrete Inc., West Liberty, Iowa

Project Estimator and Software Developer

March 2016 – August 2017

- » Designed an application in the Qt, C++ framework to track and analyze labor costs
- » Deployed Time Track to tablets connected to a MySQL server allowing employees to input work times

Technical Skills

Languages: Javascript (ES2015+), HTML, CSS(SASS, CSS in JS), C++, C#, Java, bash

Technologies: React, NodeJS, Material-UI, Babel, Yarn, NPM, ASP.NET, Qt, Digital Ocean, Google Cloud, MySQL, Linux

Concepts: Version Control(SVN, Git), Rest Architecture, OOP, Unit Testing, Test Driven Development, Agile

Personal Projects

MERN Web Stack Study

August 2017 – Present

- » Learned web technologies including Node.js, Express.js, React/Redux, and MongoDB
- » Created projects including a Trello.com clone, a cryptocurrency tracker, and a League of Legends analyzer

The Odin Project

March 2017 – August 2017

- » Completed over 40 projects and numerous readings on Ruby, Rails, Git, JavaScript, and JQuery
- » Finished projects ranging from a flight registration system in Rails to a chess game in Ruby
- » Expanded knowledge on Object Oriented, Test Driven, and RESTful development

Volunteer Experience

Dental Assistant

March 2017

Dr. William Wever, DDS, Manzanillo, Mexico

- » Assisted in daily operations of a dental clinic that served over 30 orphans

Intern

June 2015 – July 2017

J-Life South Africa, Johannesburg, ZA

- » Trained and collaborated with other interns in planning and running three camps for orphans
- » Led cross country running groups and coached kids who were aspiring runners