Joshua Wootonn

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Education

The University of Iowa – Iowa City, Iowa Graduation: May 2019
Bachelor of Science in Computer Science and Engineering GPA: 3.54/4.00

Work Experience

IDx LLC, Coralville, Iowa
Software Engineer May 2019 – 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

All American Concrete Inc., West Liberty, Iowa
Freelance Software Developer May 2018 – June 2019
- » Rewrote existing labor tracking program with React.js and Electron.js
- » Created Loopback API and connected it to a MySql database.
- » Achieved full test coverage with Jest and Enzyme.

IDx LLC, Coralville, Iowa
Software Development Intern May 2018 – August 2018
- » 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
- » Organized themed component library and established conventions for linting and testing

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, Babel, Yarn, NPM, Docker, 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
- » 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

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 2015
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