

Samuel Robertson

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Personal Bio

A full stack web developer for hire with a mechanical engineering background. I am fascinated with the Web and mobile technology and aim to push my knowledge further into the world of software development. I am seeking a junior developer position to expand my career and gain the real world software development experience.

Relevant Skills

Comfortable With:

- JavaScript- ES6 , ES5
- jQuery
- Node.js
- Express.js
- Angular.js
- MongoDB; Mongoose.js
- RESTful, API Usage & Design
- MVC Operation and Design
- Unix and Microsoft CLIs
- Git and GitHub

Familiar With:

- React.js and JSX
- The Foundation 5 & 6 Frameworks
- Gulp/Grunt
- Ionic and Cordova
- SQL, PostgreSQL, SQLite
- Object-Oriented Programming
- UI & UX Best Practices
- Vim
- Python

Employment Experience

Delphi Automotive PLC-Internship, 200 Upper Mountain Rd, Lockport, NY 14094 05/2014 - 08/2014

- Implemented prototype HVAC systems into existing vehicles using SolidWorks and 3D scans of components for testing to meet customer contract performance evaluation.
- Created a test method for a newer, cheaper, front-of-dash seal. Cost was lowered per seal used per vehicle on each HVAC unit.
- Solved low flow measurement issues in side window ducting by using numerical analysis and real-world data.

Teamwork based Projects

StartCoding.org!

01/2015 - 01/2015

- Worked on a team of three in an Agile, SCRUM environment to create a place for everyone to share and talk about starting to code. It was built in under one week using technologies like React.js, Node.js, Express and MongoDB.
- I created over 6 react components, helped write backend validation, voting structure, and new sorting lists.

Green it!

01/2015 - 01/2015

- Worked on a team of three in an Agile, SCRUM environment to create a full-stack Reddit like clone in under one week using technologies like React.js and Node.js.
- Created custom functions to create comment trees and sort comments on a voting based system.

Ingersoll Rand Senior Design Project

01/2015 - 05/2015

- Worked remotely with students from Shanghai Jiao Tong University and Ingersoll Rand to develop, design and test using computer models, a new shell and tube heat exchanger.
- Project Manager for a team of 6; assisted in each aspect of the product development.

Education

Coding House, Fremont, CA

10/2015 - 01/2016

Coding Boot Camp in Silicon Valley- MEAN Stack

The Pennsylvania State University, University Park, State College, PA

05/2011 - 08/2015

Bachelor of Science (B.S) Mechanical Engineering

IES Study Abroad Graduate- Tokyo, Japan

05/2013 - 07/2013

Study Abroad: Japanese Language and Art