Robert Herley

Student // Software Developer

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OBJECTIVE

To secure an engaging summer internship in the field of computer science.

EDUCATION

Stevens Institute of Technology - *Hoboken, NJ*
Bachelor of Science in Computer Science, Graduation - May 2019
Dean's List | Member of Upsilon Pi Epsilon - Computer Science Honor Society
GPA: 3.7

SKILLS

Programming Languages: Javascript, C++, Python, SQL (Postgres), Java, Scheme (Racket)
Web & Cloud: HTML5, CSS, React, Redux, Node.js, Express, IBM Bluemix, AWS (EC2 & S3), Heroku, REST APIs
Additional: Git, GNU/Linux, Bash

EXPERIENCE

Software Developer Intern   June 2017 - August 2017
IBM (Cloud Platforms and Integration), *Armonk, NY*
- Designed and developed BlueView, a web dashboard for IBM's dedicated Bluemix cloud platform.
- Used a combination of React and Redux to create a dynamic UI that reloads live data sent directly from our backend server.
- Node.js/Express server to collect information from IBM's internal APIs as well as a PostgreSQL database to send formatted data to our application.
- Deployed a toolchain, to automate deployed from GitHub to IBM Bluemix.
- Used agile practices such as daily scrums and iteration planning using Trello.

Software Engineer   Janurary 2017 - Part Time
Onsight Digital Solutions, *Hoboken, NJ*
- Online service that fetches transaction information from various APIs to present data neatly to the end-user using both numeric and visual representations.
- Front end development, implementing Bootstrap, D3.js and LESS.
- Undertow Java server deployed using AWS, managed mySQL database in DataGrip.

LEADERSHIP

FRC Robotics Mentor   September 2015 - Current
FRC Team 2161, *Huntington, NY*
- Assisted with the programming and construction of seven different robots, each competed in a FIRST Robotics Competition.
- Instructed students to plan, discuss, and execute a build of a robot to solve a distinct problem that required a methodological solution.
- Communicated with companies on behalf of the robotics team to gain sponsorships to fund team projects.

PROJECTS

Academic, Pokemon Pokedex Website
- Developed a website using HTML5, CSS3, Javascript and JQuery to display Pokemon information to the end user in a minimal, elegant webpage.
- Using a RESTful API and self-made JSON files, the website fetches information using AJAX in JQuery and then displays information to the user by inserting HTML elements.
- CSS and Javascript were used to create transitioning page elements, for a more sleek and modern experience.