Sion Park

Seattle, WA
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Qualifications

Languages: C++, JavaScript, Python, C, C#, Java, Golang
Technologies: Full Stack Development (HTML, CSS), nodejs(Express), Github, MongoDB, Bootstrap

Technical Experience

September 2016 - June 2019

Web Developer, *Seattle Pacific University* , Seattle, WA.
- Developed a political geographic quiz application using node.js and DigitalOcean for Seattle Pacific University.
- Utilized MVC framework, Openlayers' API and geojson in order to render the map (full-stack).
- Used bcrypt to hash passwords and create login system and built a front end for editing the database.
- Integrated the quiz into the learning management tool Canvas to automatically update students' grades and made grading process more efficient.
- Prepared data reports by extracting data and cross-list courses in Canvas using REST APIs.

June 2018 – August 2018

User Experience Test Intern, *Treatmo*, Seattle, WA.
- Tested builds and new features of their app and contributed insight on app design and function.

April 2018 – June 2018

Web Production Intern, *KCTS9*, Seattle, WA.
- Redesigned a story page using fullpage.js and worked on Google Analytics to draw more detailed statistics.
- Utilized Google maps API, JavaScript, HTML, CSS to visualized rape kit backlog data in the state of Washington.
- Managed content with Drupal, transfer stories to Crosscut and work with page layout to enhance user experience.

January – June 2017

Webmaster/IT Coordinator, *SPU*, Seattle, WA.
- Maintained the ASSP (Associated Students of Seattle Pacific) web page using Adobe Dreamweaver, HTML, and CSS.
- Participated in weekly meeting to discuss ways to make services more accessible.

Projects

January – June 2019

Project: Letter Run, *Seattle Pacific University*, Seattle, WA.
- Developed a desktop application for an educational game using Electron.
- Implemented back-end game mechanics with phaser.js game engine.
- Worked with other teams to perform quality assurance tests.

April 2019

Project: Shell and Linux Program , *Seattle Pacific University*, Seattle, WA.
- Implemented a Shell interpreter and its basic commands using C in Linux.
- Utilized fork,exec,and wait to create threads and find commands that are not built in the shell that I created.

January - March 2018

Project: KEMI , *LikeLion*, Seattle, WA.
- Develop a web service that enables users to share their meals and recommend food combos.
- Worked on back-end using Ruby on Rails and AWS (EC2).

March 2019

Canvas API Hackathon, *University of British Columbia*, British Columbia, CA.
- Utilized Canvas (Learning management tool) API and JavaScript to retrieve grade information and perform analysis.
- Delegated tasks to other teammates and collaborated with each other to create reports with python(matplotlib).

Feburary 2018

Mathematical Contest in Modeling (MCM), *MCM*, Seattle, WA.
- Using R and Excel, filtered, interpreted, and analyzed over 600 variables regarding renewable energies for four different states (CA, AZ, NM, TX)
- Made visual presentation of the results of the data analysis for four states.
- Meritorious Winner (top 10%)

Education

Fall 2015 - Spring 2019

Bachelor of Arts in Computer Science with minor in Russian, Seattle Pacific University, *Seattle, WA*.
Bachelor of Science in Applied Mathematics, Seattle Pacific University, *Seattle, WA*

Overall GPA: 3.94, Summa Cum laude, Dean's List 10/10 quarters, President's Scholar Award Scholarship, Alpha Kappa Sigma