JORDAN TIPPETTS

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EDUCATION

M.S., Computer Science - Focus in Software Development   2019 - 2021
Portland State University, Portland, OR
▪   GPA: 4.0

B.S., University Honors College   2014 - 2018
Portland State University, Portland, OR
▪   GPA: 3.89

SKILLS

▪   Linux and Windows systems, bash, vim, vscode, git, Github, Gitlab, LATEX, and all MS Office products
▪   Java, Python, C++, C, Javascript, Microsoft SQL, and Postgresql
▪   Web Development: AWS, Google Cloud, React, Vue, Angular, Bootstrap, Spring Boot, google firebase, HTML5/CSS3, Typescript jQuery, SASS, Shopify

EXPERIENCE

Full Stack Developer   February 2021 - Current
Golf Team Products – *Portland, Oregon*
▪   Developed middleware using AWS Lambda and Gateway to communicate between a new eCommerce website and a legacy order management system. This synched product inventory between multiple websites and brought orders into a central location for production processing.
▪   Redesigned/updated the company's custom production monitor that used legacy code and hadn't been maintained in years. Worked directly with the production team and end users to identify and fix existing problems/bugs as well as create new solutions. This dramatically increased production time performance and reduced the number of mistakes in orders.
▪   Developed an automated web scraper to gather product inventories from a main supplier. This increased sales and customer satisfaction by increasing the amount of product/styles that can be sold.
▪   Managed the switch to a new version control system for managing code. This helped greatly with recording changes to repositories, increasing security by limiting access/control, and providing better documentation.
▪   Regularly work with microsoft sql tables, views, stored procedures and functions used by websites, software, and reporting. This was necessary for debugging old automated procedures and anomalies in software.

Front End User Support Lead   March 2020 - May 2021
Portland State University – Portland, Oregon
▪   Developed automated tasks using python and appscript to reduce user error and increase the speed in which tasks were completed.
▪   Developed a fully responsive tech support page with client-side validation using bootstrap, JavaScript, and php. This completely updated the overall design as well as added new features which helped with ticket processing.
▪   Created reports from survey questionnaires using tableau. This provided faculty and staff with a visual model to help determine areas of improvement.
▪   Created detailed documentation of job duties and protocols to train new employees.

Front End User Support Assistant   September 2019 – February 2020
Portland State University – Portland, Oregon
▪   Handled and responded to tickets from front end users and members using Jira to solve user issues
▪   Configured, installed, imaged, and deployed new hardware.
▪   Managed directory and software access using Active Directory.
▪   Generated reports on member demographics using python and tableau to help understand user population trends.

PROJECTS / COMPETITIONS

MIT Battlecode Competition 2021
▪   Competed on a team in MIT's annual Battlecode competition to control an army of robots
▪   Developed algorithms for path finding, encrypted bot communication, and designed bot behavior
▪   Used github projects and issues to incrementally add new features and review/refactor code
▪   **github.com/forbesmiyasato/battlecode202**1

Spring Boot Web Application
- Developed a dynamic full stack web application using test driven development to create and manage diet plans.
- Designed and created a fully functional backend database for retrieving, editing, and removing items.
- Used Spring Boot/Web/Security/Data with Java for the backend programming as well as JPA, H2 DBMS for testing, and Postgres for deployment.
- Used JavaScript, jQuery, and bootstrap for the front-end development
- **github.com/jjtippetts/SmartLiving**

AWARDS
- Juan Young Trust Scholarship Recipient
- Royden M. Bodley Scholarship Recipient
- Roberts Scholarship Recipient
- Andy Gove Scholarship for Intel Employees' and Retirees' Children Scholarship Recipient
- Rose E. Tucker Scholarship for Honor students Recipient
- Eagle Scout