JORDAN TIPPETTS

(503) 701-9274 • jjtippetts@gmail.com • ⌂ jjtippetts • jordan-tippetts-portfolio.web.app

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

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

EXPERIENCE

Software Developer   February 2021 - Current
Golf Team Products – *Portland, Oregon*
- Redesigned/updated the company's custom production monitor website 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 bugs as well as find new solutions. This dramatically increased production time performance and reduced the number of mistakes in orders.
- Regularly maintained, updated, and managed the content of the company's main ecommerce website. Worked with the graphic design team and management to update the style of the website, add new relevant content, and implement new features.
- Quickly and efficiently troubleshoot and resolve any issues relating to any of the ecommerce websites (frontend or backend), social media platforms, the production monitor, order management system, APIs, or stand alone software applications.
- Helped to establish a set of programming guidelines to develop and maintain code. This included overseeing 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.
- Developed and updated new and existing code while following existing policies and procedures to ensure that websites and programs remained operational and accessible following the changes.
- Created a new ecommerce website (customgolfexpress.com) using shopify and regularly maintained the content, design, and backend connections. Constantly communicated with graphic design, management, and customer service to maintain the website and resolve any issues.
- Developed middleware using AWS Lambda and AWS 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.
- 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/jjtippetts/battlecode2021repo**

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