Christopher Williams

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Professional Experience

Full-Stack Web Developer   **Merrill Farms**   **11/2019 – Present**

Took over development of PlantLogic, a Dockerized Angular 12 and Spring Boot web application that provides comprehensive record keeping and data management tools for all parties involved in the process of growing agriculture.

- Added mobile device compatibility, allowing for the use of the application when out on the job/at fields which improved input efficiency and accuracy.
- Overhauled database query system resulting in half the load times and data transfer size across all pages.
- Created a user-customizable CSV template system for exporting data, removing the need for manually developing static templates.
- Technologies: Docker, Spring Boot, Angular, MongoDB

Full-Stack Web Developer   **Parabug**   **11/2018 - Present**

Developed and maintained the Parabug Estimate Solutions Tool web application. P.E.S.T allows for Parabug clients to draw a field map onto a Google Maps canvas, specifying where they want Parabug operators to deploy their anti-pest bugs, and submit it as a job request.

- Utilized the JSTS library as well as custom algorithms to perform comprehensive geographic shape validation on the client and server side.
- Added local KML, KMZ, GeoTiff, Shapefile, and GeoJson import options, allowing for custom overlays to be displayed while developing the field map.
- Created an automated email system which sends Parabug a PDF job summary as well as a KML file containing map information.
- Technologies: Node.js, JSTS, GeoXML3, Google Maps JavaScript API

Manager   **Water City Sports and Roller Hockey, Marina, CA**   **7/2015 – 9/2020**

Worked with a team to set up, host, and cleanup after public skate sessions, private parties, and other events. Rebuilt and updated website on WIX, following SEO best practices: watercityskate.com

Education

California State University Monterey Bay – Seaside, CA   **1/2017 – 12/2018**

- Certificate: Bachelor of Science in Computer Science: Software Engineering.
- Graduated with honors: cumulative GPA of 3.61 with 58 units completed.

Monterey Peninsula College – Monterey, CA   **8/2013 – 7/2016**

- Certificate: Associates in Arts: Computer Science.
- Graduated with high honors: cumulative GPA of 3.745 with 82.5 units completed.

Skills

- Proficient languages: HTML/CSS, JavaScript , Java, SQL, NoSQL
- Proficient technologies: Angular, Docker, Node.js, Git, Google Maps JavaScript API, Wix
- Familiar languages: C++, Python, PHP
- 5 years' experience in customer service