Michael Rallo

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Online Portfolio: rallomike.com
Software/Web Developer

Career Objective

I am a Software Developer and a Full Stack Web Developer seeking employment where I can utilize my expertise of development, design, and vision to help meet and exceed the company's goals. I am currently seeking employment in Washington State where I plan to reside to be with family.

Work Experience

Boeing – Software Engineer   June 2017 | Present
Job Description:
➢ Responsible for defining the requirements; designing, developing, and testing software features; and supporting products through delivery and in the field.
➢ Maintain/Update Pilot Training Simulators and Instructor Operator Systems.
➢ Develop in a Scaled Agile Framework alongside many other brilliant engineers.

MBS TextBook Exchange Inc. – Insight Web Developer   July 2016 | May 2017
Job Description:
➢ Responsible for independently Developing/Designing University Bookstore Websites from the ground up within an Internal Content Management System.
➢ Maintain Multiple Live Websites and provide excellent and proficient Client Services.
➢ Lead the company forward to pursue Responsive and Modern Web Designs.

Education

2014 – 2017: University of Missouri-Columbia
➢ ***Bachelor of Computer Science***
➢ ***Majors***: Computer Science
➢ ***Minors***: Mathematics
➢ ***Latin Honors***: Cum Laude

Skills/Experience

Development
➢ Experienced in **Object Orientated Programming Languages** such as **Java** and **C++**.
➢ Experienced with using low level languages, primarily **C**, and am experienced with **CMake**.
➢ Experienced with UI Frameworks such as **JavaFX Scenebuilder** and **QT.**
➢ Experienced with creating applications with multiple **threads** and **scenes**.
➢ Experienced with packaging up source to be deployed for production (**InstallShield**).
➢ Experienced with Unit Testing (**Google Test**) and test-driven development.
➢ Experienced with Game Engines such as **Unity** and the **Unreal Engine 4.0**.

Web
➢ Created Web Apps using **RESTful APIs.**
➢ Developed Web Apps with **PHP**, **HTML5**, **Javascript**, **jQuery, Ajax**.
➢ Experienced with frameworks such as **AngularJS2**, **Laravel, and ReactJS**.
➢ Experienced with **SQL** queries and **MySQL**/**PostgreSQL.**
➢ Experienced with **XML** and **JSON Parsing**.

AI
➢ Developed applications that utilize **StateSpace Maps**.
➢ Developed **AIs** to play against humans (Pong, Checkers, TicTacToe, etc.).
➢ Experienced with **Mini-Max**, **DFS**, **BFS**, **A*** and **MRV** search algorithms.

Software
➢ Experienced with **Git** and the **Agile**/**SAFe** process.
➢ Experienced with **IDEs** such as **Visual Studio 2005-2015**, **Eclipse**, and **Netbeans**.
➢ Experienced with using **Virtual Machines** and **web hosting services** such as **Microsoft Azure** and **AWS**.
➢ Experienced with media software such as **Adobe Photoshop CS6** and **Sony Vegas Pro 12.0.**