**Michael Rallo**

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Online Portfolio: [rallomike.com](http://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 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.**