

# 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 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 **AI**s 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**.