**Michael Rallo**

(314) 322-0042 ❖ michael.s.rallo@gmail.com

Software/Web Developer

**Career Objective**

I am a Software Engineer and a Full Stack Developer seeking employment where I can utilize my expertise of development, design, and vision to help meet and exceed the company’s goals.

**Work Experience**

**Boeing – Software Engineer – Automation Integration** July 2017 | Present

**Job Description:**

* Responsible for delivering valuable Software Applications to support automated manufacturing in the Fuselage Assembly Center
* Maintain/Update Data, Metrics, and Applications used to display the statistics of the Automation performance.

**Boeing – Software Engineer – Flight Simulation Software** June 2017 | July 2018

**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

**2012 – 2013: Saint Charles Community College**

* ***Associates of Arts***
* ***Majors***: Computer Science
* ***Latin Honors***: Summa Cum Laude

**Specialized Skills/Experience**

**Software Development**

* Experienced in **Object Orientated Programming Languages** such as **C++** and **Java**.
* Experienced with using low level languages, primarily **C**, and using **cmake.**
* Experienced with **Git** and the **Agile**/**SAFe** processes.
* Experienced with Unit Testing (**Google Test**)and test-driven development.
* Experienced with Game Engines such as **Unity** and the **Unreal Engine 4.0**.
* Experienced with **Virtual Machines** and **Web Hosting Services** such as **Microsoft Azure**, **AWS**, and **Pivotal Cloud Foundry**.

**Web**

* Proficient in **PHP**, **HTML5**, **JavaScript**, **jQuery.**
* Experienced with **SQL** queries and **MySQL**/**PostgreSQL/SqlServer.**
* Experienced with Web Development frameworks such as **Spring Boot**, **AngularJS**, **Laravel**, and **ReactJS/ReactRedux**.

**AI**

* Experienced with developing **AIs (Statespaces, Behavior Trees, etc.)**
* Experienced with a variety of complex algorithms (i.e. **Mini-Max**, **DFS**, **BFS**, **A\*** and **MRV**).