

Joseluis Garcia

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SOFTWARE DEVELOPER

I will be graduating from the University of Wisconsin-Madison with a Bachelor's of Science degree in Computer Sciences this December of 2018. I am a knowledgeable programmer skilled in all phases of the software development lifecycle, data collection, testing, analysis and management.

Education

University of Wisconsin-Madison — Madison, WI

Bachelor of Science, Computer Science ❖ December, 2018 ❖

Projects:

- ❖ **AtriLens:** Our team developed a Mixed Reality application called AtriLens for the Microsoft HoloLens platform that was used to improve doctor productivity. The application decreased the time doctors need to interact with electronic health records by projecting the relevant information through the smart glasses and holographic projections.
 - I contributed significantly to the product by implementing several views and interfaces for schedules and room information in addition to configuring the scripting for the voice commands that were used to navigate the interface.
 - Adhered to Agile Development practices of iterative development and frequent user feedback.
 - Customizing and extending the product with Unity and C#.
- ❖ **Fantasy Football:** I worked with two colleagues to create a web application that analyzes fantasy football statistics. We used a MVC architecture with the Spring framework and the JDBC package to connect to an Azure Database running MySQL on the Azure App Service. This application gives users a way to look through historical data since 2008 to identify important trends in player statistics.
 - My contribution to this project was focused on designing and creating a database specifically for our use case. This process involved creating the ER model and relational schemas for all of the tables as well as creating and executing queries that create, update, display and delete application data.
- ❖ **Course Highlights:** Computer Networks, Algorithms, Data Structures, Operating Systems, Software Engineering, Artificial Intelligence, Machine Organization and Programming, Human Computer Interactions, Database Management Systems, Secure Programming Techniques, Intro to Computer Engineering, Discrete Mathematics, Computational Photography.

Madison Area Technical College — Madison, WI

❖ **Liberal Arts of Science** ❖ 2013 ❖ **GPA: 3.5/4.0** ❖ **Honors:** *Dean's List (Three semesters)*

Skills

- ❖ **Programming/Languages:** Java; Python; C#; C; C++; MySQL; SQL; CSS; HTML; Javascript;
- ❖ **IDE Tools & Design :** Git, Microsoft Visual Studio, Eclipse, Android Studio, Unity, Java Platform, Xcode, Java Enterprise Edition, Microsoft Azure, Spring, Sublime, Agile, Prototyping, Waterfall.
- ❖ **Systems:** Linux, Unix, Mac OS X, Windows Server.
- ❖ **Languages:** Fluent in Spanish and English.

Work History

UNIVERSITY OF WISCONSIN-MADISON (SERVICE-LEARNING)— Madison, WI

MADISON CHILDREN'S MUSEUM Scratch Club Leader, 01/2016 to 06/2016

- ❖ Lead a Computer Science club with activities to help K-12 students learn computational thinking and computer programming.

SERVICE ELECTRIC— Madison, WI

ELECTRICIAN APPRENTICE, 05/2012 to 09/2012

- ❖ Installed, tested and modified circuit breakers, controls, fuses, lights and motors.