

Jocsan Macias

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Software Engineering Qualifications

- Florida Tech 2016 graduate with a foundation in object oriented programming, programming principles, software testing, and software engineering. Able to pick up and learn new technologies or tools, and work in a team or on an assigned task.
- Hoping to expand on my educational knowledge with work experience in a Software Engineering position learning hands on Software Development in a real work environment order to gain new skills and experience to improve my skillset.
- Bilingual in English and Spanish, fluently and written.

Education

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING | MAY 2016 | FLORIDA INSTITUTE OF TECHNOLOGY

- Worked on open-source project Pidgin project on Linux, using C and GTK. The project includes working on a small team, debugging issues and implementing features.
- Worked on Game Design project using Unity Engine and C# to create a 2D side scrolling RPG.
- Worked on designing and implementing a “program of study” system in Java with Eclipse. Followed the Unified Process and OOP design patterns utilizing UML diagrams and Use Cases.
- Worked on senior project using the Microsoft Kinect with C#, WPF, and SQL to create an exercise and report application for kids with Cerebral Palsy.
- Nerd Trivia App for Amazon Echo & Dot using Amazon Alexa Skills Kit for Node.js and JSON. Nerd Trivia is a trivia game focused on nerdy topics. The app is powered by Open Trivia DB.
- Participant of the Association of Computing Machinery
 - Participated in coding competition and workshops
- Related coursework:
 - Software Testing 1 & 2
 - Introduction to Software Engineering
 - Introduction to Software Development w/ C++
 - Computer Organization & Machine Language
 - Software Design
 - Fundamentals of Software Development 1 & 2
 - Introduction to Human Factors
 - Applied Discrete Mathematics
 - Database Systems
 - Requirements Engineering

ASSOCIATE OF ARTS | MAY 2013 | EASTERN FLORIDA STATE COLLEGE

- Graduated with GPA of 3.8
- Dean’s List | Phi Theta Kappa Honors Society
- Related coursework included: Intro to C++, Intro to Java, Calculus I & II

Technical Profile

LANGUAGES

C++

Java

C#

MYSQL

TOOLS

Ellipse

NetBeans

Git

Visual Studio

Selenium Web Driver

OPERATING SYSTEMS

Linux

Windows

Experience

TUTOR AT THE ACADEMIC SUPPORT CENTER | FLORIDA INSTITUTE OF TECHNOLOGY | AUGUST 2013 – MAY 2016

- Certified Tutor in the State of Florida
- Tutored students in multiple courses, helping them understand material and study habits
- Office duties included filing, writing reports, answering calls, working with staff and students