Marco A. Rosas

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Experience

Clearwater Analytics   Jul 2016 - Present
Software Engineer   Boise, Idaho
- Developed Java data engines (ETLs) to transform, and store financial securities results
- Used SQL Server, and SQL Studio to CRUD data
- Developed RESTful web services to provide data in JSON and XLSX formats
- Produced Angular-based applications to monitor the integrity of produced reports
- Coordinated efforts between teams to deploy software updates to production
- Wrote Python scripts to automate manual processes
- Version controlled code with Subversion and Git
- Designed unit tests with JUnit and Mockito
- Used Apache Maven to manage project dependencies

Boise Code Camp / Clearwater Development Conference   Mar, Nov 2017
Speaker   Boise, Idaho
- Showed math inspired music compositions
- Presented simple music extraction algorithms   Watch https://youtu.be/FtIDb2sM7q4

Brigham Young University - Idaho   Jan 2016 - Jul 2016
Database/Web Development Student Tutor   Rexburg, Idaho
- Assisted in person and remotely 70+ students to manage MySQL and Oracle databases
- Guided students troubleshooting syntax and logic errors

Solve Physics   May 2015 - Dec 2015
iOS developer   Rexburg, Idaho
- Published two physics apps for iOS on the App Store
- Coded apps in Swift using animation blocks, and custom controls
- Designed modern app UI
- Added multi-language support to apps

Awards

Microsoft Imagine Cup Mexico - National Finalist   Apr 2014
Software Developer / Speaker   Mexico City, Mexico
- Produced software (Keller) for visually-impaired people using Visual Studio and C#
- Presented beta software to a jury

Education

Brigham Young University - Idaho (Cum Laude)   Jan 2015 - Dec 2016
B.S. in Computer Information Technology - Minor in Computer Science   Rexburg, Idaho

Instituto Tecnológico y de Estudios Superiores de Monterrey   Aug 2012 - Dec 2015
Ingeniería en Tecnologías Computacionales (Transfer to BYUI)   Puebla, Mexico

Relevant coursework
Operating Systems II: Windows Server 2012 administration. Domain Controllers, Active Directory, GPO

OTHER TECH SKILLS
- Operating Systems: Windows, Windows Server, Mac OS X, Linux
- IDEs: NetBeans, Xcode, Android Studio
- Web Dev: HTML 5, CSS 3, Bootstrap, Ember

HUMAN SKILLS
- Spanish
- Music Composition
- Piano, Violin