

Marco A. Rosas

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Education

Brigham Young University - Idaho

B.S. in Computer Information Technology - Minor in Computer Science

Anticipated graduation Dec 2016

Experience

Tutoring Center - BYU

Database/Web Student Tutor

- Assist students managing MySQL and Oracle databases
- Help students configure remote server connections
- Aid students in troubleshooting syntax and logic errors

Jan 2016 - Present

Rexburg, Idaho

Solve Physics

iOS developer

- Designed, coded and distributed 2 apps for iOS in the [App Store](#)
- Built app using Swift, animation blocks, custom controls
- Designed modern app UI

May 2015 - Present

Rexburg, Idaho

Museo Amparo

Web Developer/ Database Designer/ Tester

- Managed a team of 2 in creating a web solution for museum visitors and administrators
- Designed MySQL databases
- Developed with PHP, Java Script, AJAX and JQuery
- Administered Linux server running Apache through SSH
- Managed source code with Git and GitHub

Dec 2014 - Jan 2016

Puebla, Mexico (Remote)

Languages and International Studies - BYU

Web Developer/ Database Designer

- Created a web solution to manage and display questions and answers for a trivia contest at BYU
- Built website with a Model-View-Controller architecture
- Incorporated server and client-side data validation
- Used HTML5, CSS3
- Used PHP PDO library to communicate with MySQL database

May 2015 - Jul 2015

Rexburg, Idaho

The Church of Jesus Christ of Latter-day Saints

Full-time Volunteer Representative

- Increased self-discipline through 10-12 hours of daily service and personal study
- Prepared, supervised and taught weekly training meetings for fellow volunteers

May 2010 - May 2012

Guadalajara, Mexico

Awards

Microsoft Imagine Cup México - National Finalist

Software Developer / Speaker

- Produced software for visually-impaired people using Visual Studio and C#
- Worked in a team of 4 people from different study fields
- Presented beta software to a jury

Apr 2014

Mexico City, Mexico

TECHNICAL SKILLS

- IDEs: Xcode, IntelliJ, NetBeans, Android Studio
- Programming Languages: Java, Swift, C
- Web Dev: CSS, PHP, JS, AJAX, JQuery

- Databases: MySQL, Oracle
- Frameworks: JUnit, Bootstrap, Ruby on Rails
- Scrum
- JSON, XML
- Operating Systems: Mac OS X, Windows, Linux

OTHER

- Spanish
- Basic German