

juan carlos medina

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Overview

I am a graduate of Claremont McKenna College where I obtained a degree in Economics. In the process, I started an Engineering curriculum and almost finished a Computer Science curriculum. Drawing and technology enthralled my life as a teenager. After studying economics, business, and the sciences, these major influences nurtured my goals into entrepreneurship.

Technical Skills

- Languages: Ruby, Javascript/Coffeescript, HTML, SQL, C/C++, MATLAB, Haskell, SystemVerilog, Labview, Racket, Prolog, LaTeX
- Frameworks: Ruby on Rails, Backbone, Marionette
- Software: STATA, SolidWorks, ModelSim, Quartus 2, Microsoft Office Suite
- Version Control Systems: Git, Subversion
- Languages: English, Spanish

Industry Experience

Mavenlink, San Francisco CA

Software Engineer, June 2013 to present.

Mavenlink is a test-focused development pair programming shop where engineers have the opportunity to improve their technical hats beyond their comfort zones, such as regular rotations as production support engineers and devops engineers. As a full stack engineer, I have been responsible for architecting and iterating on a wide variety of facets to the application

- Ruby on Rails server application
- Backbone and Marionette client application

Mavenlink, San Francisco CA

Development Intern, June 2012 to August 2012.

- Full stack engineering responsibilities
- Designed and implemented new features for Mavenlink's desktop and mobile websites
- Participated in pair programming with software engineers

- Collaborated in the implementation of a web analytics system

Mavenlink, Claremont CA

Team Member, October 2011 to May 2012.

- Collaborated in prototyping a referral network
- Implemented cluster algorithms with proprietary trust things (fixme)
- Prototype stack: Ruby on Rails, HTML, Javascript, and MySQL

Lowe Institute of Political Economy, Claremont McKenna College

Research and Programmer Analyst, November 2012 to December 2012.

- Designed a web scraper to download datasets for a current faculty research project
- Implemented prototype in Ruby and a MySQL database

Student Technology Assistance Team, Claremont McKenna College

Lab Technology Assistant, September 2010 to May 2013.

- Solved students' computer and technology problems, including troubleshooting software, hardware, and network issues
- Conducted coaching sessions in MATLAB, STATA, and Java

Academics

Bachelor of Arts in Economics from Claremont McKenna College. Sequence (minor) in Computer Science. Graduated in May 2013.

Junior Scholars Program at the University of Texas at El Paso. September 2007 to May 2008.

Early Admissions Program at the El Paso Community College. September 2006 to May 2008.

Distinguished Diploma from Cathedral High School. El Paso, Texas. Graduated in May 2008.

Activities

Volunteer Research Assistant, Kravis Leadership Institute

October 2011 to May 2012, 3 hours per week

- Participated in further developing research criteria
- Collaborated with other research assistants

President, The Physics Club of the Claremont Colleges

September 2009 to May 2011, 3 hours per week

- Managed club details and meetings
- Promoted hands-on application of physics theories through student-run events

Interests

Awards

Gates Millennium Scholarship Award - Gates Millennium Scholars Program, September 2008 to present. *Statistics Prize for the Academic Year* - Claremont McKenna College Statistics Competition, September 2009 to May 2010.