

Crismar Mejia

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Education

- Bachelor of Science**, Utah State University, Logan, UT Dec 2011
- Major: Computer Engineering Minor: Computer Science GPA: 3.11
- Associate of Science**, Instituto Tecnico Salesiano, Dominican Republic May 2007
- Major: General Electronics, Digital Systems Emphasis

Work Experience

- Software Engineer** - *Opsec Security, Santo Domingo, Dominican Republic* Nov 2013 - present
- Developed and maintained a data gathering framework using Java, Kapow, and MySQL.
 - Reduced data gathering speed by half and created a way to monitor data quality.
 - Worked as part of a global team with co-workers in Boston and Munich.
- Software Engineer** - *Newtech, Santo Domingo, Dominican Republic* Jun 2013 – Nov 2013
- Developed and maintained Java EE applications and MS SQL Server database applications.
 - Contractor for Claro RD (formerly Verizon Dominicana).
- Technology Analyst** - *Goldman Sachs, Salt Lake City, Utah* Jan 2012 – Mar 2013
- Developed a system to distribute exchange files downstream using Pentaho BI and MySQL.
 - In charge of growing the system from two clearing houses to four. Six to over twenty files.
 - Provided support for users through an in-house issue tracking system.
 - Worked as part of a global team with co-workers in NYC, London, and Bangalore.

Side Projects

- crismar.me** - Blog about my journey as a Software Engineer April 2017 - present
- The blog itself was created as a project. First on GKE with Kubernetes then on AWS with Bitnami.
 - Learning about Cloud Computing, SRE/DevOps, Go, and Kubernetes.
- kubeadm cluster** - Bare-metal cluster built with old computers October 2017
- Stack includes CentOS as the host OS and Weave Net as the pod network.
 - Wrote a guide that covers the process <https://github.com/crmejia/kubeadm-centos7-bare-metal>
- Gasola** - Android App to estimate fuel economy and fuel consumption Feb 2015 - Apr 2015
- Created app as part of the final project for Udacity's Android development class.
 - The project can be found on github <https://github.com/crmejia/Gasola>
- Verodata** - Ruby on Rails web app to estimate a building solid waste Mar 2014 - Sep 2014
- Startup to aid engineers with the design and estimation of solid waste for construction projects.
 - Rails 4.0 prototype with PostgreSQL database.

Research and Teaching Experience

- Teaching Assistant, ECE Department, Utah State University, Logan, Utah, Aug 2010 –Dec 2011
- Led and evaluated lab sessions for Digital Systems Design, Digital Circuits, and Intro to ECE
- Research Assistant, ECE Department, Utah State University, Logan, Utah, Jun 2011 – Sep 2011
- Modeled circuits using Verilog-AMS and Cadence for a research project on wireless brain implant.

Related Skills

- **Technologies:** Go, Java, Linux, Ruby, Rails, Git, Jira, HTML, CSS, Docker, Kubernetes.
- **Software Engineering:** UML, Design Patterns.
- **Communication:** Native Spanish speaker, Fluent English.