Everardo Rosales

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EDUCATION

Massachusetts Institute of Technology — Cambridge, MA

September 2013 - May 2017

B.S. Computer Science **Cumulative GPA:** 4.7

Relevant Coursework

Design and Analysis of Algorithms, 6.046 — Fall 2015 User Interface Design, 6.813 — Spring 2015 Performance Engineering, 6.172 — Fall 2015 Computation Structures, 6.004 — Fall 2014

Advanced NLP, 6.806 — Fall 2015 Elements of Software Construction, 6.005 — Fall 2014

Computer Systems Security, 6.858 — Fall 2015 Artificial Intelligence, 6.034 - Fall 2014

Introduction to Algorithms, 6.006 — Spring 2015 Mathematics for Computer Science, 6.042 — Fall 2014

SKILLS Programming Languages

Proficient: Java, Python, Javascript, HTML and CSS, C, MATLAB

Tools/Software

Linux, Adobe: Photoshop, Indesign, Illustrator

Languages

Fluent in English and Spanish

EXPERIENCE

Google Inc. — Mountain View, California

Summer 2015

Engineering Practicum Intern

- Developed real-time state change notification framework for Google Fiber Account management systems with high fan out.
- Leveraged various internal Google infrastructure to create a scalable solution to deal with upcoming Fiber city expansions.

Massachusetts Institute of Technology — Cambridge, Massachusetts

Fall 2014

6.01 Lab Assistant — Introduction to EECS I

• Worked with 6.01 students on labs and other coursework.

Google Inc. — Cambridge, Massachusetts

Summer 2014

Engineering Practicum Intern

- o Developed an internal schema management tool for an infoextraction subteam of Knowledge Graph.
- Added the foundation for an upgrade path for updated schema that was nonexistent before.

PROJECTS

${\bf Scavengr.} \textit{meteor.com}$

Spring 2015

- Location-based scavenger hunting app for Android created for mobile app development class.
- Worked on performance, analytics, and location-detection of the app as well as the data server and website.
 Force Feel'd everrosales.github.io/MakeMIT-2015

 Spring 2015
 - o Force feedback system for VR using LeapMotion and Oculus Rift DK2.
 - o Guantlet that would restrict finger movement upon collisions within the VR environment.
 - o Worked on Software demo and interface with LeapMotion, Oculus Rift and the guantlet.

PetHub everrosales.github.io/PetHub

Spring 2015

- o Website UI prototype for User Interface Class designed to help connect pet owners with potential pet sitters.
- Worked on overall design and implementation of the mock UI.

OpenDeed

Spring 2015

- White paper proposing new system for digitizing property and ownership of property using colored coins.
- Worked primarily on the technical aspects of the paper including the implementation of the system and applications of the blockchain and cryptocurrency to the problem of verifying property ownership.

RoadRunner roadrunner.meteor.com

Winter 2015

- o Simple way to find resturants, points of interest, and more for planning roadtrips.
- Worked on full stack of Web App, including database management and design/workflow of application.

AWARDS

Stanford-MIT Blockchain Hackathon OpenDeed — Winner
MakeMIT Force Feel'd — 2nd Overall Hack and Oculus sponsor prize
HackatBrown Uneed — Best Real World Hack sponsor prize
MIT Web Programming Competition (6.148) Roadrunner — Semifinalist
HackMIT Classifi — MIT Big Data Living Lab sponsor prize

Spring 2015 Spring 2015

Spring 2015 Winter 2015

Fall 2014