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

- Software Studio, *6.170* — Fall 2015
- Performance Engineering, *6.172* — Fall 2015
- Computer Systems Security, *6.858* — Fall 2015
- Introduction to Algorithms, *6.006* — Spring 2015
- User Interface Design, *6.813* — Spring 2015
- Communicating w/ Mobile Tech, *21W.789* — Spring 2015
- Computation Structures, *6.004* — Fall 2014
- Elements of Software Construction, *6.005* — Fall 2014
- Artificial Intelligence, *6.034* – Fall 2014
- Mathematics for Computer Science, *6.042* — Fall 2014

SKILLS

Programming Languages

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

- 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

Scavengr *scavengr.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

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

PetHub *everrosales.github.io/PetHub* Spring 2015

- 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

- 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

YHack *Avalon* — Best Use of MongoDB sponsor prize Fall 2015

Stanford-MIT Blockchain Hackathon *OpenDeed* — Winner Spring 2015

MakeMIT *Force Feel'd* — 2nd Overall Hack and Oculus sponsor prize Spring 2015

HackatBrown *Uneed* — Best Real World Hack sponsor prize Spring 2015

HackMIT *Classifi* — MIT Big Data Living Lab sponsor prize Fall 2014