Everardo Rosales

http://everrosales.github.io

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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
Software Studio, *6.170* — Fall 2015	Computation Structures, *6.004* — Fall 2014
Performance Engineering, *6.172* — 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
  ○ 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

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
MIT Web Programming Competition (6.148) *Roadrunner* — Semifinalist	Winter 2015
HackMIT *Classifi* — MIT Big Data Living Lab sponsor prize	Fall 2014