everrosales.github.io linkedin.com/in/everardorosales

# **Everardo Rosales**

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(831) 998-4626

#### **EDUCATION**

# Massachusetts Institute of Technology — Cambridge, MA

September 2013 - May 2017

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

**Relevant Coursework** 

Introduction to Algorithms, 6.006 — Spring 2015 Elements of Software Construction, 6.005 — Fall 2014

User Interface Design, 6.813 — Spring 2015 Artificial Intelligence, 6.034 - Fall 2014

Computation Structures, 6.004 — Fall 2014 Mathematics for Computer Science, 6.042 — Fall 2014

# SKILLS Programming Languages

Proficient: Python, Java, Javascript, 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

o 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.
- o Added the foundation for an upgrade path for updated schema that was nonexistent before.

## **PROJECTS**

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

Spring 2015

- o 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
  - 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.
- o Worked on overall design and implementation of the mock UI.

OpenDeed Spring 2015

- $\circ$  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.
- o 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