# **Everardo Rosales**

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#### **EDUCATION**

# Massachusetts Institute of Technology — Cambridge, MA

September 2013 - May 2017

**B.S.** Computer Science

**Technical GPA: 4.8** Cumulative GPA: 4.7

#### Relevant Coursework

Introduction to Algorithms, 6.006 — Spring 2015

User Interface Design, 6.813 — Spring 2015

Introduction to EECS II from a Medical Technology Prespective, 6.803 — 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

# Alisal High School — Salinas, CA

September 2009 - May 2013

**GPA:** 4.5

#### **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

- o Developed state-change notification system for Google Fiber Data Services.
- o Pushes state changes to other internal Google Fiber systems as they occur.

## 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**

#### **Scavengr** scavengr.meteor.com

Spring 2015

- o Location-based scavenger hunting app for Android created for mobile app development class.
- o Allows you to create, edit, go on location-based hunts.
- Worked on performance, analytics, and location-detection of the app as well as the data server and website.

# **PetHub** everrosales.github.io/PetHub

Spring 2015

- o Website mock 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

- White paper proposing new system for digitizing property and ownership of property.
- System in which a colored coin uniquely associate the coin with a specific property.
- o Properties may be combined, divided, or leased via the creation of "child" coins.

Force Feel'd

Spring 2015

- 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.

#### 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

Spring 2015 Spring 2015

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