

# 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

Distributed Systems, 6.824 — Spring 2017	Performance Engineering, 6.172 — Fall 2015
Operating System Engineering, 6.828 — Fall 2016	Computer Systems Security, 6.858 — Fall 2015
Computer Architecture, 6.175 — Fall 2016	Introduction to Algorithms, 6.006 — Spring 2015
Design and Analysis of Algorithms, 6.046 — Fall 2016	User Interface Design, 6.813 — Spring 2015
Computer Systems Engineering, 6.033 — Spring 2016	Elements of Software Construction, 6.005 — Fall 2014
Software Studio, 6.170 — Fall 2015	Artificial Intelligence, 6.034 — Fall 2014

## SKILLS

### Programming Languages

Proficient: Java, Python, C, GoLang, BlueSpec System Verilog, Javascript, HTML and CSS, MATLAB

### Languages

Fluent in English and Spanish

**EXPERIENCE** **Facebook** — Cambridge, Massachusetts Summer 2016

### Software Engineering Intern

- Worked with several teams to create and release end-to-end solution to inventory, classify, and tag backend jobs with meta information to be consumed by various tools within Facebook.
- Created a command line tool for team use and worked closely with a UI team to build an internal Webapp for wider use within Facebook to allow service owners to approve of automated meta information.

**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.

**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

**LUX** [david-rosales.github.io/ItsLit](http://david-rosales.github.io/ItsLit)

Spring 2017

- Winner of HackatBrown's Best Real World Hack.
- Unique community lending platform for renting or giving items to people in your vicinity.
- Worked on full stack of prototype which included pinning new listings to locations and claiming listings.

### Scavengr

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](http://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](http://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

- Stanford-MIT Blockchain Hackathon Winner.
- White paper proposing new system for digitizing property and ownership of property using colored coins.

## 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 Unneed** — Best Real World Hack sponsor prize

Spring 2015

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

Fall 2014