Everardo Rosales

http://everrosales.github.io

erosales@mit.edu   3 Ames Street H305, Cambridge, MA 02142   (831) 998-4626

EDUCATION

Massachusetts Institute of Technology — Cambridge, MA   September 2013 - May 2017
B.S. Computer Science   **Cumulative GPA:** 4.6

Relevant Coursework

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	Computation Structures, *6.004* — Fall 2014
Software Studio, *6.170* — Fall 2015	Elements of Software Construction, *6.005* — Fall 2014
Performance Engineering, *6.172* — Fall 2015	Artificial Intelligence, *6.034* – Fall 2014

SKILLS

Programming Languages
Proficient: Java, Python, C, Javascript, C, HTML and CSS, MATLAB
Languages
Fluent in English and Spanish

EXPERIENCE

Facebook — Cambridge, Massachusetts   Summer 2016
Software Engineering Intern
- Developed a system of inventorying backend jobs, categorize them into services, and applying meta information to them so they could be consumed by various tools within Facebook.
- Worked with several teams to create and release end-to-end solution to inventory, classify, and tag jobs
- 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

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*   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
- Stanford-MIT Blockchain Hackathon Winner.
- 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.

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