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*   Spring 2017
- Autonomous, tracking work-light.
- Worked on Software demo, implementing computer vision tracking and communication protocols.

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 *everosales.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 *everosales.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

MakeMIT *LUX* — 2nd Overall Hack and Nvidia sponsor prize	Spring 2017
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