

ABRAHAM QUINTERO

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EDUCATION

Massachusetts Institute of Technology: GPA 4.00/5.00

Expected Graduation: *May 2017*

B.S. in Electrical Engineering and Computer Science

Selected Coursework:

- 6.005 Elements of Software Construction
- 6.823 Advanced Subjects in Computer Architecture
- 6.858 Computer Systems Security

WORK EXPERIENCE

Full Stack Developer

June 2015 - August 2015

Cisco Systems

- Designed and implemented high-availability cloud based product to manage Cisco devices.
- Contributed to agile team which deployed new features weekly.
- Managed infrastructure on AWS with Packer, Chef, and Kitchen.

Software Engineering Intern

June 2014 - August 2014

OpenSpan Inc

- Assisted senior programmer in developing product responsible for automating enterprise applications through reverse engineering.
- Worked with Windows internals and low level C++ to enable hooking of functions and code injection into various pieces of software such as Adobe Reader.

Student Lab Assistant

January 2014 - May 2014

MIT Electrical Engineering Department

- Guided students in lab assignments involving circuit design, software development, and probability.

CityScope Intern

September 2013 - December 2013

MIT Media Lab

- Created 3 dimensional model of the Kendall Square neighborhood in Cambridge.
- Used projection mapping to display different types of data onto the model in order to help MIT make development decisions. The data included population density, traffic flow, and weather patterns among others.

LEADERSHIP ACTIVITIES

UPOP Team And Career Development

January 2015

- UPOP is a selective program that teaches leadership skills through team building.
- Special focus on engineering decisions and how to reach consensus in a team.

President, Juntos Club

August 2009 - May 2013

- Led the organization in the planning and execution of informational sessions about higher education as well other outreach projects targeting the Latino population in Duluth, Georgia.
- Served as bilingual interpreter for parent-teacher conferences at elementary schools.

SKILLS

Languages: Java, JavaScript, Python, C++, C, L^AT_EX, Matlab, Bash, English, Spanish

Tools: Git, Visual Studio 2013, Eclipse, Packer, Chef, IDA, Windows, Ubuntu and Arch Linux

PROJECTS

Online Pinball Game

November 2014

- Designed and implemented a pinball game that allowed for multiple users connected through the internet.
- Used Java OO design principles to ensure that software was free of bugs and easy to understand.