abw333@mit.edu   Alan Wagner   787 236 9366

Education:

Massachusetts Institute of Technology, Class of 2014   **Cumulative GPA: 5.0/5.0**
Candidate for S.B degree in Computer Science and Engineering
Relevant Coursework: Performance Engineering, Computer Systems, Artificial Intelligence, Design and Analysis of Algorithms, Computational Structures, Software Construction, Digital Communication Systems, Applied Mathematics, Probability and Random Variables, Linear Algebra, Differential Equations, Multivariable Calculus

Work Experience:

Google, Software Engineering Intern   **May – August 2012**
- Internal website used to debug and optimize a pipeline for fact extraction from text data.
- Pioneering work in the extraction of compound facts ("Jack married Jill in 1992" is a compound fact, whereas "Jack married Jill" and "Jack got married in 1992" are not).
- Polished teamwork skills through version control, code reviews, goal-setting, and frequent meetings.

Abine, Software Engineering and Entrepreneurship Intern   **January – May 2012**
- Internal website that scrapes data from software download channels to monitor popularity growth rates of all browser extensions.
- Shadowed executives and contributed to major decisions, particularly in product design and marketing.

BlockCross, Software Engineering Intern   **June – August 2012**
- Desktop application used to rapidly search large logs of trading data.
- Analysis of financial markets using sophisticated mathematical models.

Leadership and Activities:

Sloan Business Club, Director of Engineering Leadership Focus Group   **October 2011 – Present**
- Managed a team of students that organizes hackathons, industry panels, networking events, etc.
- Successfully led negotiations for sponsorships from major engineering companies.

Google, BOLD Immersion Program Participant   **July 2011**
- Prize for the best sales plan for Google Enterprise to small businesses.

Presidential Scholar, Winner   **July 2010**
- Recognized by President Obama as one of the 141 most distinguished high school seniors in the USA.

Baldwin School Math Club, Founder and President   **August 2004 – May 2010**
- Founded club as a seventh grader and grew it to 30 members from a student body of 300.
- Prepared and delivered lectures of varying topics every week for six years.
- Qualified for the Puerto Rican team for both the International Mathematical Olympiad and International Physics Olympiad.

Personal Projects:

Ujungo: web app that facilitates the creation and distribution of study guides (v1.0 live at ujungo.com)
Retail Reality Systems: iPhone app used to obtain analytics in an offline retail setting
HotSpot: iPhone app that crowdsources ratings for the beauty of a location and displays a heatmap with aggregated results overlaid on a Google map
FaceBump: iPhone app that takes two users to each other's Facebook profile when they bump their phones
Hangout: Android app that encourages in-person interactions by finding friends that are both free and nearby

Technologies:

Languages: Python, Java, C++, C, C#, Objective-C, PHP, JavaScript with jQuery, SQL
Operating Systems: Various Linux and Unix Distributions, Mac OS X, Windows
Web-Specific: Django, webapp, WordPress, AJAX, node.js, Flask
Mobile-Specific: iPhone, Android

Spoken Languages:

Native English and Spanish Speaker, Professional Working Proficiency in French