Ernest I. Park

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Education

Massachusetts Institute of Technology — June 2012
Candidate for Bachelor of Science in Computer Science and Engineering — GPA: 4.6/5.0

Massachusetts Institute of Technology — June 2013
Candidate for Master of Engineering in Electrical Engineering and Computer Science
Concentration in Computer Systems

Selected Coursework: Computer Architecture, Computer Systems Engineering, Design and Analysis of Algorithms, Multi-Modal User Interfaces, Performance Engineering*, Probabilistic Systems Analysis*, Software Construction (* Current Class)

Work Experience

Ooyala — Mountain View, California
Software Engineering Intern (MIT VI-A Program) — *May 2011 - August 2011*
Worked under the scrum methodology on the analytics team with the same responsibilities as a full-time engineer. Pushed out a product by coding across the whole analytics stack as well as working on documentation and coordinating design with product managers. Designed and coded a real-time analytics infrastructure prototype in a two-person team in three weeks.

Africa Information Technology Initiative — Kigali, Rwanda
Instructor — *March - July 2010*
Chosen as one of four instructors among several dozen applicants to teach a six week computer programming and entrepreneurship course to students at the Kigali Institute of Science and Technology. Responsible for all aspects of the course including teaching lecture, networking with administration, planning logistics, adjusting curriculum, and supervising lab time.

Tiny Propeller — Cambridge, MA
Developer - www.optionize.com — *May 2009 - May 2010*
Developed code for a notification system and other back-end features for an internet polling service. Worked in a three person team to design and plan the application from both a code and usability perspective.

MIT Media Lab Human Dynamics Group — Cambridge, MA
Undergraduate Researcher/Developer — *June 2009 - August 2009*
Designed and developed a web interface capable of displaying live data (location, speech amplitude, movement energy) generated from electronic sociometric badges. Prototypes were used to demonstrate the effectiveness of the data-collecting badges to laboratory sponsors.

Skills

Technical: Java, Python, HTML, CSS, PHP, MySQL, Ruby, C/C++

Non-Technical: Conversant in Korean and Spanish

Awards

MIT 6.470 Web - Programming Competition - 3rd Place	*January 2011*
MIT 6.190 Web - Based Speech Recognition Application Competition - 1st Place	*January 2010*
Edward J. Bloustein Distinguished Scholar	*June 2008*
West-Windsor Plainsboro Student-Athlete Scholarship	*June 2008*
American Legion Jersey Boys' State Governor Scholarship	*July 2007*
Bausch and Lomb Honorary Science Award	*June 2007*

Extra Curricular

MIT Asian Christian Fellowship	*January 2010 - Present*
Baker House Dormitory Webmaster	*September 2009 - Present*
Cornerstone Church of Boston, Various Ministries	*September 2009 - Present*
MIT Freshman Leadership Program Counselor	*June 2009 - September 2010*
MIT Logarhythms A Cappella Group (Webmaster)	*September 2008 - Present*
MIT Varsity Ice Hockey (Captain)	*September 2008 - Present*
MIT Varsity Lacrosse	*September 2008 - May 2009*