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* U.S. Citizen

Education	Massachusetts Institute of Technology	Cambridge, MA
	Candidate for Masters of Engineering, Electrical Engineering and Computer Science Bachelor of Science, Electrical Engineering and Computer Science Cumulative GPA: 4.6/5.0 Coursework: Algorithms, AI, Computer Systems Engineering, UI Design, Biomedical Computing	June 2010 June 2009
Experience	Moca, Open Source Remote Medical Diagnostics Platform	Cambridge, MA
	Software Engineer (MIT Media Lab)	Feb 2009 - Present
	<ul style="list-style-type: none">Contributed to development of mobile telemedicine platform (Google Android application and OpenMRS electronic medical record system backend) for rural healthcare workers in resource-poor communitiesCollaborated on team of 20+ engineers, doctors, business people, and facultyWorked as Google Summer of Code 2009 Intern for OpenMRS on Flash interface for doctors to review patient data (text, images, audio, video)	
	National Telehealth Center, University of Philippines (UP Manila)	Manila, PHILIPPINES
	Fellow (MIT Public Service Center)	June 2009 – July 2009
	<ul style="list-style-type: none">Pushed for public policy on telemedicine services within national social health insurance corporation (PhilHealth) through presentations for their President and CEO, COO, SVPs, and Department HeadsPrepared for Moca deployment through training of local software developers, hardware testing, workflow analysis, and usability testing with doctors, nurses, and midwivesDelivered telehealth and Moca presentations to Dean of UP College of Medicine, governor of province, SMART telecom company, university CS students, Tarlac State University CS Dept, MIT Alumni Club	
	Microsoft Research Asia	Beijing, CHINA
	Software Engineering Intern (Interaction Design Group)	June 2008 – Aug 2008
	<ul style="list-style-type: none">Designed and developed touchscreen graphical interface to prototype new tangible mobile devices aimed at more efficient access/management of digital data (songs, tasks, documents, photos)Learned to use many development tools and technologies rapidly (C#, Visual Studio 2008, Microsoft Silverlight, Server/Client Architecture, XML serialization) to roll out prototype within 11 weeks	
	Cisco Systems	San Jose, CA
	Software Engineering Intern (Digital Media Systems Group)	June 2007 – Aug 2007
	<ul style="list-style-type: none">Created software tool (Remote Control Navigation SDK) to enable interaction with digital signageResponsible for development life cycle of SDK: specification-writing, implementation, testing, code review, patent-writing, user manual documentation, and demo to business unit of 30 peopleWon 1st Prize in Cisco's Intern Poster Competition for presentation of technical work accomplishedSubmitted patent idea to Cisco Patents On-Line: "Directional Navigation in Interactive Flash Apps"	
	UCLA Center for Network Embedded Systems	Los Angeles, CA
	Wireless Propagation Intern (Unwired Laboratory)	June 2006 – Aug 2006
	<ul style="list-style-type: none">Worked with 3 interns on UNIX-based radio testbed system for directional wireless communicationDeveloped automatic gain control to maximize signal-to-noise ratio in digitizer and two radiosResearch published at Mobicom 2006: "Directional Radio Propagation for Peer-to-Peer Networks"	
	Skills	<ul style="list-style-type: none">Java, Python, C#, Flash ActionScript, Matlab, Scheme, HTML, CSS (Took intro classes in C++, C)Windows XP, Microsoft Office Suite, Microsoft Silverlight, Macromedia Dreamweaver
	Leadership	Society of Women Engineers (SWE)
		Cambridge, MA
	Senator for Region F, MIT SWE President, MIT SWE VP	Dec 2005 – Present
	<ul style="list-style-type: none">Determined future direction of society with National SWE Senate through strategic planningManaged 40 MITSWE board members as President to serve 500+ SWE members through 2 events/wkLed section to earn 6 prestigious awards in 1 year from MIT Institute, Regional and National SWERedesigned website and was awarded Best Collegiate Website 3rd Place at SWE National Conference	
	Loudoun County Government Board of Supervisors Office	Leesburg, VA
	Energy Research and Community Organizing Extern	Jan 2009
	<ul style="list-style-type: none">Promoted energy efficiency in the community by recommending energy policies/initiatives to the BoardWorked with 40 business owners, community leaders, gov staff, and citizens to lead development of 4 major documents (i.e. Green Business Awards Program, Top 12 Strategies for Greening Loudoun)	
	Activities	Teaching Assistant (TA), Dorm Associate Advisor, Christian Fellowship, Community Youth Council