

LIYAN DAVID CHANG

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EDUCATION

Massachusetts Institute of Technology

Majoring in Computer Science
Minoring in Mathematics, Political Science
Invited into HKN, TBP Engineering Honor Societies

Cambridge, Massachusetts
June 2012
GPA: 5.0/5.0

STUDY ABROAD: Institut d'Études Politiques de Paris (Sciences Po)
Concentration in Political Science

Paris, France
Jan – May 2011

WORK EXPERIENCE

Google

Associate Product Manager Intern

Responsible for the vision, strategy, and execution of user features for Developer APIs. Led a distributed team of 4 engineers to develop a new method of generating client libraries and get all necessary launch approvals.

Mountain View, California
May – August 2011

Gelber Group, LLC

Strategy Research and Development Intern

Researched market indicators and short-term trends to find tradable signals in historical data for a high frequency trading desk for S&P 500 futures. Optimized the Java-based automated trading platform for 2x performance by reducing garbage.

New York, New York
June – August 2010

VMware Inc.

Automation Intern, VMQA Automation Group

Authored Perl and STAF software tools to automate the remote installation of network drivers on test servers. Estimated to save VMware over \$100,000 annually by reducing manual installations done by QA engineers.

Palo Alto, California
June – August 2009

MIT Media Lab

Undergraduate Researcher, Fluid Interfaces Group

Brainstormed, developed, and tested applications with gesture and object recognition for a wearable camera and projector computer to display information on surrounding surfaces. This research was presented at TED Conference 2009.

Cambridge, Massachusetts
October 2008 – May 2010

PUBLICATION P. Mistry, P. Maes, L. Chang. "WUW - Wear Ur World - A Wearable Gestural Interface." In the proceedings of ACM CHI '09 (Assoc. for Computing Machinery group on Computer-Human Interaction)

LEADERSHIP

Chief of Staff - MIT Undergraduate Association

Manages the 60 student representatives to Faculty Committees, the primary method of student engagement at MIT. Founded a consulting firm catering to administrators, providing our clients with student perspective and advice.

May 2011 - Present

Gordon Engineering Leadership Program

Leading 5 younger students in a program for developing engineering leadership skills by interacting with industry leaders.

August 2010 – Present

SKILLS

- Practiced in writing C, C#, Cilk++, Java, and Python.
- Web design with HTML, CSS, PHP, Javascript, AJAX, and SQL.
- Data analysis with R and Stata.
- Comfortable on Windows, OS X, and Linux.
- US Natural Born Citizen. Native English, Conversant Mandarin Chinese, Basic French.

ACTIVITIES

Freshmen Advisor. 35mm Film Photography. Camp Kesem Counselor (for children from families impacted by cancer).