CONNIE CHAN

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EDUCATION

Massachusetts Institute of Technology   Cambridge, MA

Candidate for Bachelor of Science in Electrical Engineering and Computer Science.   June 2012
Candidate for Bachelor of Science in Civil and Environmental Engineering.

Relevant Coursework: Multivariable Calculus, Differential Equations, Java Programming, CEE Design, Mechanics, Ecology, Probability, Linear Algebra, Microeconomics, Intro to EECS, Math for Computer Science, Popular Science Communication. GPA: 4.4/5.0

Honors: Second Prize in the 2009-2010 Ilona Karmel Prize for Engineering Writing, Honorable Mention in the 2010 Microsoft Windows 7 Sidebar Gadget Competition

Berkeley High School   Berkeley, CA
Graduated in top 4% of class of ~800.   June 2008

EXPERIENCE

MIT Media Lab   Cambridge, MA
Undergraduate Researcher   2010 – Present
  - ❖ Develop Android phone applications for use in a ~250-person reality mining experiment to be run in one of MIT's graduate family housing communities.
  - ❖ Debug and modify a third-party alarm clock app. Create an app that logs a user's interaction with the alarm clock.
  - ❖ Create apps that log debugging information and users' web browser histories.

MIT Information Services and Technology   Cambridge, MA
Residential Computing Consultant   2008 – Present
  - ❖ Assist ~1690 dormitory residents with problems or questions about the school network, dorm printers, Athena computing environment, and SIP accounts.
  - ❖ Guide clients to a better understanding of these services.

MIT Infrastructure Science and Technology Group   Cambridge, MA
Undergraduate Researcher   Summer 2009
  - ❖ Prepared concrete and epoxy specimens to study the long-term effects of moisture on FRP-retrofitted concrete.
  - ❖ Performed peel fracture tests, shear fracture tests, and three-point-bend fracture tests

Meyer Sound Laboratories   Berkeley, CA
Quality Control Intern   Summer 2008
  - ❖ Assessed the usability of and offered suggestions for the overhaul of the Discrepant Material Report database.
  - ❖ Created and maintained the database of First Articles by scanning in the hard copies so that employees in other branches could access these files.

ACTIVITIES

Phoenix Group   2008 – Present
Vice President. Preview Weekend and Residential Exploration Event Coordinator. Intramural Air Pistol Team Captain.
Serve as integral member of team of 50 undergraduates in process of founding a residence hall for 400 students.

Steel Bridge Team   2008 – 2009
Design and fabricate a 20-foot steel bridge, as part of a team, to compete in the ASCE/AISC Student Steel Bridge Competition. Team placed first overall in the 2009 New England Regionals and 18th out of 47 teams at Nationals. Raised $5K to cover half of the competition costs.

SKILLS

Computer: Java, Android app programming, Python, C#, HTML, CSS, JavaScript, XML; Eclipse IDE, Microsoft Visual Studio; Windows, Mac OS X, Ubuntu
Language: Basic French, Cantonese