Linda (Xinyue) Ye
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Education

Candidate for B.S. in Computer Science and Engineering
Candidate for Minor in Mathematics and Minor in Management Science
Department of Electrical Engineering and Computer Science
Massachusetts Institute of Technology
September 2010- Present (Class of 2014)
Cumulative GPA: 4.4   Major/Minor GPA: 4.5

Plano Senior High School
August 2006- June 2010
Cumulative GPA: 4.5   Class Rank: 9 of 1307

Professional Experience

- Guidewire Software Inc. (05/2012 – 08/2012), *Software Development Intern* (Supervisor – Mike Wright, John Donahue)
    - Developed a data visualization framework using Java and JSON over REST that is configurable/compatible with various NoSQL databases, UI frameworks, and D3 (Javascript) visualization libraries.
- MIT Computer Science and Artificial Intelligence Laboratory (02/2012 –Present), *MIT Undergraduate Research Assistant* (Supervisor – Rishabh Singh, Professor Armando Solar-Lezama)
    - Researched on data structures and manipulations in storyboard programming, a form of synthetic programming.
- AT&T Inc. (06/2011- 09/2011), *IT Intern* (Supervisor – Salvador Gonzalez)
    - Developed a time reporting tool for employees using Adobe Coldfusion, HTML, and Javascript.
    - Assisted with IT business-side planning for AT&T's new Home Security and Automation project.
- MIT Alumni Association (09/2010 – 02/2011), MIT Tech Caller (Supervisor – Brett Wingfield)
    - Market and connect MIT to its alumni community to increase funding for MIT.

Technical/ Special Skills

- Proficient in Java and Python
- Familiar with C/C++, HTML, JavaScript, jQuery, NoSQL databases.
- Experienced with data analysis and office administrative tools (Excel, Outlook, Access)
- Fluent in Mandarin (speaking, reading, and writing)

Relevant Coursework

- Fall 2012: Design and Analysis of Algorithms, Performance Engineering of Software Systems, Statistics for Applications, Artificial Intelligence
- Spring 2012: Introduction to Algorithms, Computation Structures, Probability and Random Variables
- Fall 2011: Elements of Software Construction, Mathematics in Computer Science, Digital Communication Systems
- Spring 2010: Introduction to Electrical Engineering and Computer Science

Extra-Curricular Activities and Projects

- MIT Undergraduate Student Advisory Group in EECS (2012)
- MIT Pokerbots Competition (2011)
- MIT Society of Women Engineers (Conference Committee Member 2011- Present)
- Traders@MIT (2011- Present)
- MIT Asian Dance Team (2010 - 2011)
- MIT Dance Troupe (2010)