Xinyue (Linda) Ye
500 Memorial Drive Rm #254
Cambridge, MA 02139
Phone: (720)257-3382
Email: heyitsye@mit.edu

Education
Department of Electrical Engineering and Computer Science
Massachusetts Institute of Technology
September 2010- Present (Class of 2014)

GPA: 4.481
Class Rank: 10 of 1307
Plano Senior High School
August 2006- June 2010

Employment/ Internships
- MIT Undergraduate Student Researcher (01/2011 – Present, Employer- Professor Pawan Sinha, MIT Media Lab and Department of Brain and Cognitive Sciences)
  - Programmed and developed a brain-computer interface that combines basic science, applications, and art.
  - Collected data from human subjects using high-density EEG arrays to study the brain's mechanisms of perception and electrophysiological signals
  - Analyzed data using statistical modeling.
- MIT Undergraduate Student Researcher (09/2010 – 12/2010, Employer- Professor Narendra Maheshri, Department of Chemical Engineering)
  - Conducted microfluidic experiments to test regulation and localization of transcription factors, such as various promoters and promoter memory.
  - Analyzed data using statistical modeling
- MIT Tech Caller (09/2010 – Present, MIT Alumni Association)
  - Market MIT to its alumni
  - Solicit donations from MIT alumni.
  - Connect with MIT alumni
- University of Texas Southwestern Medical Center (UTSW) Student Researcher (06/2008 - 09/2008, Employer- Professor Benjamin P. Tu, Department of Biochemistry)
  - Designed experimental procedures and conducted experiments to test the effects of growth stressors on yeast cells.
  - Collected and analyzed data using statistical methods.
  - Co-authored research reports of results and data.

Special Skills
- Familiar with Java, Python, MATLAB, and HTML programming language.
- Fluent in Mandarin (speaking and writing)

Publications
- "Trehalose is a key determinant of the quiescent metabolic state" *Molecular Biology of the Cell*. June 15, 2010 (Vol. 21, Issue 12)

Extra-Curricular Activities and Qualifications
- MIT Society of Women Engineers (2011- Present)
- Traders@MIT (2011- Present)
- MIT Pokerbots (2011)- Developed a software program to play poker using different poker strategies and computer algorithms
- MIT Dance Troupe (2010- Present)
- MIT Shakespeare Ensemble (Publicity Manager 2011- Present)
- MIT Association of Taiwanese Students (2010- Present)