

Tiffany Resing Cheng

Home	3537 Milleford Ct. ◇ Pleasanton, CA 94588 ◇	Home: (925) 484 - 9318
School	362 Memorial Dr. ◇ Cambridge, MA 02139 ◇	Mobile: (925) 989 - 1960
E-mail	tiffanycheng91@gmail.com	

OBJECTIVE Pursuing summer internship in field of computer science and electrical engineering

EDUCATION **Massachusetts Institute of Technology** **June 2010**

B.S. and M.Eng. in Electrical Engineering and Computer Science
Minor in Chemistry
GPA: 4.8 out of 5.0

Relevant Coursework: Laboratory in Software Engineering; Design and Analysis of Algorithms; Artificial Intelligence; Introduction to Communication, Control, and Signal Processing; Microelectronic Devices and Circuits; Database Systems

WORK/ LEADERSHIP EXPERIENCE

Apple Inc. Cupertino, CA
Firmware Developer Intern (Summer 2008)

- Designed and implemented a firmware updater application that helped unify a broad range of firmware devices
- Instituted a new, standard interface protocol for present and future firmware devices
- Supplemented the application with a consistent, standardized graphical user interface
- Developed a plug-in to update track pads on MacBooks

Meebo Mountain View, CA
Web Programmer Extern (Winter 2008)

- Created new, user-friendly web pages using HTML and CSS
- Managed the transfer of existing web pages into the new formats through collaboration with employees across all divisions

Oracle Redwood City, CA
Software Developer Intern (Summer 2007)

- Placed in charge of designing and implementing a Descriptive Flexfields feature to allow for more extensibility and user customization in Oracle's Fusion Service Application
- Attentively documented software development, including writing test cases, creating and reviewing technical design documents, and giving weekly, formal team presentations
- Worked in Customer Relations Management division for Fusion Service Applications team

Research Laboratory of Electronics at MIT Cambridge, MA
Undergraduate Researcher (2006 – 2007)

- Investigated the timing of body gestures with respect to speech in order to develop a model that integrates both phonetics and gestures in the utterance planning process
- Utilized Praat and Elan software to compare speech wave forms data with the speaker's words and actions

SKILLS

- Strong MAC OS application development experience in Objective C using Cocoa libraries
- Extensive experience with Java language
- Analog and digital electronic circuits lab experience with extensive use of MOSFETs
- Solid, practiced experience with MATLAB
- Experience with Linux environment
- Exposure to HTML and CSS

ACTIVITIES

- Tau Beta Pi Engineering Honor Society Member
- MIT HKN EECS honor society member
- MIT Society of Women Engineers board member
- Kappa Alpha Theta sorority member

HONORS

- Sandia National Laboratory's Women's Outstanding Achievement Award
- Xerox Technical Minority Scholar for 2005 and 2006
- Bank of America Award for Science, Mathematics, and Humanities