

# Rajiv Eranki

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## Contact Information

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## Education

**Massachusetts Institute of Technology**, Cambridge, MA  
M.Eng. Candidate, Electrical Engineering and Computer Science (expected graduation date: June 2008).  
S.B., Computer Science and Engineering, 2007. GPA: 4.8

### Relevant Coursework:

6.856J/18.416 (Randomized Algorithms)	6.033 (Computer Systems Engineering)
6.854J/18.415 (Advanced Algorithms)	6.170 (Laboratory in Software Engineering)
6.115 (Microcomputer Project Lab)	6.891 (Advanced Symbolic Programming)
18.100B (Real Analysis)	6.046J/18.401 (Introduction to Algorithms)
6.840J/18.404 (Theory of Computation)	6.825 (Techniques in Artificial Intelligence)
18.310 (Applied Mathematics)	6.041 (Probabilistic Systems Analysis)

## Work Experience

**Massachusetts Institute of Technology**, Cambridge, MA  
*Teaching Assistant* **Spring and Fall Terms, 2007**  
Teaching Assistant for 6.004, a departmental core class. Taught recitations, helped students one-on-one in lab.

**Google, Inc.**, Mountain View, CA  
*Engineering Intern* **Summer, 2005 and Summer, 2006**  
Designed and implemented a number of quality improvements to the AdSense ads system (2005) as well as the violator detection codebase (2006).

**Brown Innovations**, Boston, MA  
*Developer* **Aug, 2004 - Sep, 2004**  
Embedded systems programming with the PIC16F873A chip, developed a speaker control system that adjusts the sound level according to the ambient noise in the room (Smart Volume).

**Sociable Media Group at MIT**, Cambridge, MA  
*Researcher* **Feb, 2004 - May, 2004**  
Developed tools to execute efficient statistical analysis of large data sets, developed social network visualization tools.

**Macintosh News Network**, San Francisco, CA  
*Director, Technical Advisor* **Nov, 2000 - Aug, 2003**  
Managed an international array of servers, coordinated the development of the forum system, administrated several forums, improved network security.

**medschool.com**, Los Angeles, CA  
*Software Engineer* **Summer, 2000**  
Developed presentations and demos in Macromedia Flash for major pharmaceutical companies in small teams, trained employees in Macromedia Flash.

## Positions

Organizer for 6.270, MIT's autonomous LEGO robotics competition	<b>2005 - 2006</b>
Vice president of Beta Theta Pi	<b>Spring, 2005</b>
Vice president of Beta Theta Pi	<b>Spring, 2006</b>
Rush chair of Beta Theta Pi	<b>Fall, 2005 - Spring, 2006</b>
Grader for 6.046 (Introduction to Algorithms)	<b>Spring, 2006</b>