

Vinayak V. Ranade
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Education

- **Massachusetts Institute of Technology** Cambridge, MA
Pursuing B.S. in Electrical Engineering and Computer Science Class of 2009
 - Current GPA 4.5 on a scale of 5.0

Awards and Honors

2008 7th rank among over 150 teams in scrimmages in 6.370, MIT's Programming Contest

2007 6th place among 300 teams in America in the Microsoft College Puzzle Challenge

2006 6th place among 210 teams in America in the Microsoft College Puzzle Challenge

2006 3rd place among 48 teams in 6.270, MIT's Autonomous Robot Design Competition

2005 8th rank in the International Math Olympiad Training Camp, Mumbai, India

Experience

- **National Aeronautics and Space Administration(NASA)** Moffett Field, CA
Summer Research Intern Summer 2007
 - Worked with the Dynamic Air Configuration Group and the development of the Future ATM Concepts Evaluation Tool (FACET)
 - Studied the feasibility of Air Traffic Freeways
 - Used Java and Matlab to write companion tools for FACET
- **CSAIL, MIT** Cambridge, MA
Undergraduate Researcher(UROP) Summer 2006 - Spring 2007
 - Worked in the Computer Science and Artificial Intelligence Laboratory in the Computational Genomics Group, with Prof. David Gifford
 - Studied polymorphisms in different strains of the yeast genome
 - Installed and used software like Arachne2, Glimmer, Genemark on Linux/Unix systems and interfaced using Perl

Technical Skills

Languages: Java, Scheme, MATLAB, L^AT_EX, familiar with C/C++, Perl, Python

Operating Systems: Unix/Linux based OS's, Windows 98/XP/Vista

Leadership and Service

2008-2009 President-Elect of East Campus, MIT

2006-2007 Senator in the Undergraduate Association(UA) at MIT

2006-Present Brother of Alpha Phi Omega, National Co-ed Service Fraternity

Interests and Hobbies

WMBR Radio (88.1 FM Cambridge)

Intramural Badminton (Intramural Champion in Fall 2007)

Section Editor, 'How To Get Around MIT', 2007-08 edition

Tabla (Indian percussion instrument)