

ASHWINI GOKHALE

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4106 Vistaridge Ct
Peoria, IL 61615

Education

Massachusetts Institute of Technology (MIT) GPA: 5.0/5.0 Cambridge, MA
S.B. Expected Dec 2012 in *Electrical Engineering & Computer Science (EECS)* with minor in *Economics*
Relevant Courses: Signals & Systems, Computation Structures, AI, Security, Micro- and Macroeconomics
Richwoods High School Diploma: May 2009 GPA: 4.0/4.0 Peoria, IL
ACT: 35/36; Writing: 12/12 SAT II (Chem.): 800/800 SAT II (Math Level 2): 800/800

Work Experience

MIT Teaching Assistant Sept – Dec 2012
Recitation Instructor for Chemistry—5.111 and Lab Assistant for Intro to EECS II—6.02
Chevron Business Analyst Intern May – August 2012
Conduct a cost-benefit evaluation of Teradata Aster and construct a business case
MIT Research Assistant Sept 2011 – Present
Partially Observable Markov Decision Process Applications for e-Commerce
Boeing Engineering Intern May – August 2011
F18 RADAR team, developed a Lab Emulator Remote App, required Secret Clearance
MIT Teaching Assistant Sept 2010 – May 2011
Differential Equations Course: Teach tutorials
Caterpillar Corporate Intern May – August 2010
Conducted an interdepartmental study of technology gaps and identified projects for Research

Skills

Computer: Python, C#, Microsoft Visual Studio, .Net Development, Ubuntu
Language: Fluent in Spanish, Hindi, and Marathi

Honors and Awards

- 2012 Recipient of Google Anita Borg scholarship for \$10,000
- 2012 Recipient of Society of Women Engineers scholarship for \$5000
- 2012 Awarded \$1800 grant from MIT Public Service Center for a curriculum design project in India
- 2011 Invited to attend IEEE Sections Congress, San Francisco, Aug 18–21. Expenses paid by IEEE
- 2011 MIT 150th Anniversary Celebration Speaker, April 30
- 2011 Invited Workshop Presenter at the Pre-College Initiative of National Soc. of Black Engineers Annual Conference, St Louis, March 23–28
- 2009 National Merit Scholar, Advanced Placement Scholar, Illinois State Scholar
- 2009 Cassini Scientist for a Day Winner; competition sponsored by NASA and JPL
- 2008 Worldwide Youth in Science and Engineering: Chemistry – 1st in Sectionals, 6th in State
- 2007 Kikkoman Youth for Understanding National Merit-based Scholarship to Japan
 - One of three full-scholarships of \$6,995 each for summer with host family
- 2003–05 Regional (4-county) and McLean County Pantagraph Spelling Bee Champion
 - Ranked 37th at the National Spelling Bee (2005); 71st (2004); 84th (2003)

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Professional Accomplishments

Oliehoek, F., **Gokhale, A.** and Zhang, J. (2012). Reasoning about Advisors for Seller Selection in e-Marketplaces via POMDPs. Paper presented at, and published in refereed proceedings of the International Conference on Autonomous Agents and Multiagent Systems, Valencia, Spain, June 4–8.

Leadership and Service

Academic Associate Advisor, Department of EECS, MIT

Fall 2012

Chair, IEEE Regional Undergraduate Research Conference

Fall 2012

President, MIT ACM / IEEE

Sept 2011 – Aug 2012

Secretary, MIT ACM / IEEE

Dec 2010 – Aug 2011

Undertake new initiatives and direct ongoing programs in collaboration with the Executive Board.

Secretary, Assoc. of International Relations & Model UN

May 2012 – Apr 2013

Director of Events, Assoc. of International Relations & Model UN

May 2011 – Apr 2012

Secretary-General, Model UN Conference

May 2010 – Apr 2011

Director of Public Relations, Model UN Conference

Sept 2009 – Apr 2010

Design and implement policy with the Secretariat. Fundraising, building relationships with sponsors.

Vice-President of Operations, Network of Sloan Undergraduate Women

Jan 2011 – Dec 2012

Finance Chair, Network of Sloan Undergraduate Women

Jan – Dec 2010

Communicate with sponsors and supporters and oversee the budget.

Conference Co-Chair, Society of Women Engineers (SWE) Regional Conference

April 2011 – May 2012

Public Relations Chair, SWE

Jan 2010 – Mar 2011

Successful in raising \$35,000 in sponsorships for the SWE Conference

Collaborate with SWE chapters to host events; Reach out to MIT SWE members to attend events.

Vice-President and Treasurer, Executive Board, McCormick Residence Hall

Jan 2011 – Dec 2011

Facilities Director, Executive Board, McCormick Residence Hall

Sept 2009 – Dec 2010

Oversee five chairs; manage facilities' budget.

Senator, Communications Committee Chair, Undergraduate Association at MIT

Sept 2009 – May 2010

Communicated frequently with constituents; managed DormStorm event, ordered food for 100 people.

Interests

- 2006–09 Varsity Tennis: Placed in top 2 in various “invite” tournaments
- 2006–09 Varsity Speech Team: Impromptu Tournament Champion: Conference (2008)
- 2002–09 Viola player: IL Music Educators Assoc. 8th Chair (2008); 12th (2007); 10th (2006)