

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 Eng. & Computer Sci. (EECS)* with minor in *Economics*
Relevant Courses: Circuits, Signals & Systems, Computation Structures, AI, 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 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

Professional Accomplishments

Gokhale, A. POMDP Applications in e-Commerce. Refereed paper to be presented at the MBAA 2012 Conference, Chicago, March 28–30.

Honors and Awards

- 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
 - Promote cross-cultural skills and international understanding during six-week stay
- 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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Leadership and Service

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

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

Organizing and overseeing the Secretariat. Fundraising, develop relations with sponsors like Kaplan.

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 \$18,000 in sponsorships for the SWE Conference

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

Vice-President 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.

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)