

Anika Gupta

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EDUCATION

Massachusetts Institute of Technology (MIT), Cambridge, MA

2014

Candidate for S.B. in Materials Science and Engineering and S.B. in Management Science

GPA: 4.9/5.0

- Coursework: Micro/Macroeconomics, Modeling and Simulation, Communication, Accounting, Java, Differential Equations, Probability, Game Theory, Materials Selection

SAT: 800M/800W/740CR

EXPERIENCES

Booz Allen Hamilton Inc., Boston, MA

Intern, Analytics

Summer 2012

- Found relationships among variables using Bayesian Belief Networks (an innovative analytics technique) that standard regressions could not show: analyzed large datasets, built models, and presented results through a flash presentation and a research paper
- Supported recommendations to a client against pursuing an avenue of research due to a lack of insight from analysis
- Identified potential healthcare clients by profiling providers, payers, life science companies, and public health organizations in the Boston area

MIT Class of 2014

President

Spring 2011– Present

- Elected by 56% of voters and re-elected by 96% of voters to lead in the execution of social events for the Class of 2014 (1100 students) such as movie screenings, day trips, apparel printing, and study breaks with a budget of \$30,000
- Organized and ran weekly meetings and mediated conflict within an 8-member council
- Supported informal academic and career advising on campus by developing a network of 250 upperclassmen

Secretary

Fall 2010 – Spring 2011

- Ran a retreat to address intra-council tensions, redirected action to guarantee timely apparel delivery, and led all logistics for a movie premiere for 300 students, performing beyond the expected role of recording meeting minutes

MIT Society of Women Engineers

Vice President of Membership and Information

Spring 2012 – Present

- Elected to manage three sets of co-chairs by providing training, coordinating meetings, and setting direction
- Strengthened the 150-member group by organizing presentations and other marketing efforts, development events, retreats, conference logistics, membership lists, and monthly meetings

Corporate Relations Co-Chair

Spring – Fall 2011

- Connected employers to students by recruiting companies and planning events
- Informed members of upcoming career development opportunities by designing and compiling weekly newsletters

Mentor, Women in Science and Engineering Program

Fall 2010 – Spring 2011

- Encouraged passion for engineering in 2 high school girls through organized activities and personal advising

MIT Undergraduate Association (MIT Student Government)

Class Council Coordinator

Spring – Summer 2012

- Initiated and wrote a manual of best practices to transition future class councils

Treasurer

Spring 2011

- Managed 30 committee and core organization accounts totaling over \$180,000
- Allocated \$120,000 to 200 student groups while advocating to give students more funding against traditional practices

Research Experiences

Alm Lab, MIT

Summer 2011

- Prepared, troubleshooted, and analyzed DNA sequences for patterns in microbial populations

Kroll Lab, MIT

Winter 2011

- Simulated and optimized a flow reactor in MatLab for use in atmospheric chemistry experiments

Selected Other Experiences

MIT Student Ambassador

Fall 2011 – Present

- Selected to committee to represent MIT to alumni and prospective students

Freshman Leadership Program, Freshman/Alumni Summer Internship Program, Emerging Leaders Conference

2010 – 2012

- Participated in programs and conferences to develop professionalism and leadership skills

SKILLS

- Language:** 4 years Spanish, 4 years French
- Technical:** MS Office (Powerpoint, Excel, Word), Adobe Photoshop, Java; Exposure to SAS, SPSS

HONORS

- MIT Student Leader Award: Outstanding New Leader, awarded to 2 students who show leadership promise through exemplary contributions to a student organization April 2012
- Coca Cola National Scholar, awarded to 50 American high school seniors for leadership, scholarship, and community service; National Merit Scholar; National AP Scholar April 2010