

# Dina M. Betser

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## Education

### **Massachusetts Institute of Technology**

Cambridge, MA

4.9/5.0 GPA. Bachelor of Science degree and Master of Engineering candidate in Electrical Engineering and Computer Science; minor in Music Performance. *Relevant Coursework*: Software Construction, Algorithms, Computation Structures, Artificial Intelligence, User Interface Design, Optimization Methods. Graduation Date: June 2011, S.B.; June 2012, M.Eng.

### **Cambridge University, Computer Laboratory**

Cambridge, U.K.

Participant in the Cambridge-MIT Exchange Program. September 2009-June 2010. Part IB Computer Science Tripos.

## Work Experience

### **Google, Inc.**

Mountain View, CA

June-present. 6A M.Eng. Internship involving developing Service Level Agreements for computing services.

### **MIT EECS Department**

Cambridge, MA

January-May 2011. Eta Kappa Nu Tutor for introductory Python course.

January 2011. Lab assistant for introductory Python IAP class. Answered student questions and graded assignments.

### **Google, Inc.**

Mountain View, CA

June-August 2010. Software Engineering Intern, Infrastructure Resource Management Team. Generated metrics for the internal tool used for allocating compute resources to products within Google. Helped achieve the Company Objective to reduce the time to fulfillment for resource requests. Technologies used include Python, MySQL, and company-specific data storage backends.

June-August 2009. BOLD Practicum for Engineering Intern, Gmail Spam, Abuse and Delivery Team. Created a tool to analyze spam report feedback and generate outbound rules to ward against spam campaigns for various Google services. Worked closely with Consumer Operations representative to define project priorities. Project involved coding/testing in Python, JavaScript/CSS/HTML, Sawzall (log-processing), and shell scripting.

### **MIT Center for Collective Intelligence**

Cambridge, MA

September 2008-February 2009. Student Researcher for Professor Thomas Malone. Contributed to the Handbook of Collective Intelligence (HCI) by organizing content and creating templates for the content within the Handbook using MediaWiki syntax. Automated the process of updating new examples to the wiki utilizing Python scripts. Reference: <http://bit.ly/bjt7GU>.

### **The Aerospace Corporation**

El Segundo, CA

June 2008-September 2008. Intern in the Knowledge Management Office. Project included portal development with the AEROpedia wiki project. Presented the AEROpedia project before the Communities of Practice Leaders Summit, August 2008.

## Skills

Experienced:  
Python, Java.

Proficient:  
C/C++, HTML, CSS, JavaScript, Bash shell scripting.

Basic:  
MATLAB, GLPK, ML, Prolog.

## Leadership

Associate Advisor in EECS to Prof. Constantinos Daskalakis. Advice and support to sophomores new to the major.

MIT Hillel: MIT Conservative Minyan Service Organizer; Adult Board Student Representative; Pre-frosh Liaison/Coordinator.

MIT Alpha Epsilon Phi Sorority—Scholarship Chair, Social Chair, Philanthropy Chair, New Member Educator, etc.

Cambridge University Jewish Society Webmaster, Dec 2009-June 2010.

Cambridge University Google Student Ambassador, 2009-2010.

Participant in the LeaderShape Institute, January 2008.

## Awards

MIT Phi Beta Kappa, Tau Beta Pi, Eta Kappa Nu.

MIT Autonomous Robot Competition, January 2011. 5<sup>th</sup> place overall in the Final Competition.

2011 Anita Borg Memorial Scholarship Finalist. Society of Women Engineers MIT Class of 2011 Scholarship Recipient.

MIT Web Programming Competition Semifinalist and Adobe Prizewinner, January 2009.

MIT Panhellenic Association New Member of the Year, May 2008.

## Interests

Music—Clarinetist in the MIT Wind Ensemble ('07-'11), MIT Chamber Music Society ('08), and Stanford Orchestra ('09).

Languages—Spanish, Hebrew.

Miscellaneous—running, swimming, musical theater, cooking, folk dancing, nerdy jokes.