

**Term Address**  
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## EDUCATION

**Massachusetts Institute of Technology, Cambridge, MA** **Jun 2012**  
Candidate for Bachelor of Science degree in Electrical Engineering and Computer Science. GPA 5.0/5.0.  
Relevant coursework includes: Signals & Systems, Computer Architecture, Algorithms, Discrete Math, DiffEq

**Emmaus High School, Emmaus, PA** **Jun 2008**  
Top percentile in class of 700. Honors Graduate. GPA 4.7/4.0.  
Siemens Award for Advanced Placement, Pennsylvania State Winner; National Merit Finalist; National AP Scholar.  
Relevant coursework includes: AP Computer Science in Java, AP Physics B and C, German I to AP German V

## EXPERIENCE

**MIT EECS Department, Cambridge, MA** **Sep 2009–Current**  
*Lab Assistant*  
Staff laboratory of introductory EECS class covering signals & systems, networks, and basic computation structures. Help students with lab work and course material.

**Ziizoo.com, Austin, TX** **Jan 2008–Current**  
*Tutor & Campus Representative at MIT*  
Tutor over 30 students in diverse academic areas, catering to each student's needs and learning styles.

**Vertica Systems, Billerica, MA** **Jul–Aug 2009**  
*Intern Quality Assurance Engineer*  
Designed and developed complete internal performance testing platform and reporting system for analytical database company, allowing developers to pinpoint areas of regression and resulting in streamlined development cycles.

**Cozi Group, Inc., Seattle, WA** **Jul–Aug 2008**  
*Intern Software Engineer*  
Implemented 3 projects for startup company that resulted in new software version updates. Coded user interfaces, fixed frontend bugs, and developed backend features.

**PA Governor's School for Information Society & Technology, Philadelphia, PA** **Jun–Jul 2007**  
*Scholar*  
Distinguished self as only female of 7 students to score perfectly on programming placement test at selective computer camp for 55 students in PA. Led and developed educational software and music-based game for Tablet PC.

**Emmaus High School - Shortest Path Project, Emmaus, PA** **Sep 2006–May 2007**  
*Project Manager & Development Lead*  
Led team to create user-friendly Java-based application for generating Emmaus High School walking directions, resulting in heightened awareness of technological solutions. Added extensive documentation and audio support.

## LEADERSHIP & ACTIVITIES

MIT IEEE/ACM, Cambridge, MA, *Webmaster* **May 2009–Current**  
MIT East Campus Dormitory, Cambridge, MA, *Hall Chair* **May 2009–Current**  
MIT Medlinks, Cambridge, MA, *Member, CPR/First Aid/AED Certified* **Oct 2008–Current**  
MIT Freshman/Alumni Summer Internship Program, Cambridge, MA, *Participant* **Sep 2008–Sep 2009**  
MIT Discover EECS Program, Cambridge, MA, *Participant, Lab Assistant* **Aug 2008–Aug 2009**  
MIT Media Arts & Sciences Freshman-Year Program, Cambridge, MA, *Participant* **Sep 2008–Jan 2009**  
Emmaus High School Science Olympiad, Emmaus, PA *President & Team Captain* **Sep 2006–Jun 2008**  
Emmaus High School American Computer Science League, Emmaus, PA *Team Captain* **Sep 2005–Jun 2008**  
Lehigh University High School Scholars Program, Bethlehem, PA *Participant in Linear Methods* **Aug–Dec 2007**

## COMPUTING SKILLS

*Programming:* Python, Java, PHP, C#, Scheme, Perl, JavaScript, JQuery, XSLT, VBScript, VB, C++, Bash  
*Other:* HTML, CSS, SQL, LaTeX, Matlab, Maple, CMSs