School Address:
50 Massachusetts Ave, 206B
Cambridge, MA 02139

Amanda Evans
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(515) 231-1786

Home Address:
818 Clark Ave
Ames, IA 50010

Education

Massachusetts Institute of Technology (MIT) — Cambridge, MA
Candidate for Bachelor of Science in Materials Science and Engineering — June 2014
GPA: 4.3/5.0
Relevant Coursework: Materials Laboratory, Fundamentals of Materials Science, Mathematical Methods for Materials Science, Solid-State Chemistry, Electronic, Optical, and Magnetic Properties of Materials, Introduction to Modeling and Simulation

Ames High School — Ames, IA
GPA: 4.0/4.0 — May 2010
Graduate with Distinction
National Merit Scholar

Research Experience

Electronics Materials Research Group — Cambridge, MA
Undergraduate Researcher — June – August 2011
- Sputtered thin films with RF Magnetron system
- Performed photoluminescence experiments on samples
- Performed X-ray diffraction and analysis on samples
- Presented results of research to group of 15 (professor and grad students)

Leadership Experience

MIT Undergraduate Professional Opportunities Program — Cambridge, MA,
October 2011 – Present
- Participated in a professional development and engineering efficiency program to prepare for success in the workplace
- Received academic training in modules and career development workshops

New House Dorm Executive Board — Cambridge, MA
Publicity Chair — February 2011 -Present
- Designed posters to publicize events
- Oversaw and updated bulletin boards with dorm information
- Promoted resident involvement in meetings
- Supervised a team of 10 students to publicize CPW events

100th Green Butterfly (Recycling Club) — Ames, IA
Co-President — August 2009 -May 2010
- Recruited and trained10 members in proper recycling procedures
- Supervised group of 20 in collecting and sorting materials
- Re-evaluated past procedures to make more efficient
- Recycled paper materials for school of 1,500 students

Skills

Lab Procedures: X-Ray Diffraction and Analysis, RF Magnetron Sputtering, Profilometry, Differential Scanning Calorimetry, Polarized Light Microscopy, Micropipetting, SEM, TEM
Programming: Mathematica, basic Python and Java, introductory MATLAB
Computer: Excel, Word, Powerpoint
Languages: Spanish (conversational), French (beginner)