

# KRISTIE STONEMAN

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(801) 372-6080

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## EDUCATION:

**Massachusetts Institute of Technology:** Cambridge, MA

BS in Chemical Engineering, Class of 2014

GPA: 4.80/5.00

Intro to Chemical Engineering, Organic Chemistry, Thermodynamics, Differential Equations

**Spanish Fork High School:** Provo, UT

High School Diploma with High Honors, May 2010

GPA: 4.00/4.00

Valedictorian, Class of 2010

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## EXPERIENCE:

**Undergraduate Researcher**

*February 2011-Present*

Langer Laboratory, Massachusetts Institute of Technology: Cambridge, MA

- Researched biodegradable glucose sensitive polymers for insulin delivery, implementing many methods, including ELISA and BCA

**Veterinary Assistant**

*June 2011-August 2011*

Salt Creek Veterinary Services: Nephi, UT

- Assisted in veterinary procedures

**Phone Research Interviewer**

*June 2010-August 2010*

Western Wats: Spanish Fork, UT

- Interviewed respondents nationwide on a variety of subjects for private clients

**Math Tutor**

*September 2008-May 2010*

Spanish Fork High School Math Lab: Spanish Fork, UT

- Tutored students in all levels of math from Algebra 1 to AP Calculus
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## TECHNICAL SKILLS:

Proficient with MATLAB, Adobe InDesign, Illustrator, and Photoshop, Microsoft Office Suite

Use of MATLAB in small-scale engineering design projects, including the simulation and optimization of batch chemical processes

*Has proven leadership, oral/written communication, work ethic, and time management skills*

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## ACADEMIC AWARDS & HONORS:

- Northrop Grumman Engineering Scholar
  - Presidential Scholar Award Semifinalist
  - Energy Solutions Scholar 2008
  - AP Scholar with Honor
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## ACTIVITIES:

**Society of Women Engineers**

*September 2011-Present*

**MIT Latter Day Saints Student Association**

*September 2010-Present*

Treasurer

Helped plan and carry out Gratitude Event and Childcare Service Project

**Spanish Fork City Youth Council**

*May 2009-August 2010*

Councilwoman over Beautification, Clean Up, Drives, and Youth Involvement

**Yearbook Staff**

*September 2004 – May 2010*

Editor in Chief, 2006-2007 and 2009-2010

**National Honors Society**

*September 2008-May 2010*

Vice President over Service

**Church of Jesus Christ of Latter Day Saints Young Women**

*March 2004-August 2010*

President, 1<sup>st</sup> Counselor, 2<sup>nd</sup> Counselor, and Secretary, 6 years

**Music**

*September 2003 – May 2010*

Concert Master, Violinist, Pianist, Accompanist, Vocalist