

# RICHARD BENNION REID

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## EDUCATION

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**B.S. Chemical Engineering** Brigham Young University 2002 – April 2009  
■ GPA: 3.69/4.00

## WORK EXPERIENCE

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**Research Assistant** BYU Dept. of Chemical Engineering 2008-present

- Compiled biomass fuel property database with ~5000 entries, which was used in combustion, gasification and process models

**Research Assistant** BYU Design Institute for Physical Properties (DIPPR) 2007-2008

- Researched thermophysical properties for inclusion into the DIPPR database
- Increased database accuracy by improving error range estimation on property values

**Rocket Design Consultant** Thurber Space Systems Summer 2007

- Designed liquid-propelled rocket engine with associated infrastructure and testing
- Machined engine components with computer controlled mill

**Russian Instructor and Tutor** Missionary Training Center 2005-2007

- Trained over 75 service representatives on duties and skills for global service organization
- Increased productivity by assisting in development and implementation of new curriculum
- Implemented training course for new instructors on language teaching methodologies

**Voluntary International Service Representative** 2003-2005

The Church of Jesus Christ of Latter-Day Saints

- Organized and implemented weekly and monthly community service projects
- Helped over 400 Russians acquire English literacy and comprehension skills by directing weekly English as a Second Language program
- Supervised the training and service of 25 other representatives

**Building Maintenance** Brigham Young University 2000-2003

- Managed and maintained 5 university buildings with several laboratories to provide security for collection of thousands of valuable biological specimens

## ACTIVITIES, HONORS, AND INTERESTS

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- American Institute of Chemical Engineers (AIChE) Treasurer – BYU Student Chapter
- Member of student planning committee for 2007 AIChE National Conference
- Studied global business strategies, R&D, and culture on BYU Study Abroad program in China
- 2002 Provo High School Music Sterling Scholar (trombone and piano)
- Eagle Scout
- Provo Youth Mentoring Program – mentored impoverished elementary school students by helping them with homework and accompanying them on weekly intellectual excursions
- Performed in Portugal and Spain with BYU Synthesis Jazz Big Band
- Languages – speak Russian fluently and have studied French, Spanish, German, and Chinese
- Sports: distance running, hiking, fishing, mountain biking, camping, golfing