

Alex Stephen Romriell

Objective

To obtain an internship/employment that will give me more knowledge and exposure to the vast field of Chemical Engineering and how the technology companies interact with and benefit the world.

Experience

2008-Current DIPPR 801 Provo, UT

Research Specialist

- Compile and organize all literature data specific to various chemical compounds used in industry.
- Validate all available data against experimental data and upload values onto DIADEM, the database that the DIPPR lab uses.
- Simulate various environments that the compound will encounter and collect data.

2007-Current BYU Dep't of Chemical Engineering Provo, UT

Research Assistant

- Assist a Chemical Engineering PhD in finishing his research regarding levitating particles in the path of a laser beam.
- Take measurements for the location and temperature of these particles with High Speed and Infra-Red cameras.
- Organize and interpret data using Excel and MatLab.

2007-2008 BYU Grounds Provo, UT

Sprinkler Technician

- Measured and laid out new sprinkler systems; made calculations to verify that the pressure and available water flow rate was sufficient for the required system.
- Renovated old systems and installed new sprinkler systems.
- Performed any maintenance needed for all sprinkler systems.

1999-2003 Austin Parks and Rec. Dep't Austin, TX

Lifeguard and Head Guard

- Provided safety and emergency aid for pool patrons.
- Supervised and managed pool lifeguards as Head Lifeguard

Education

2003-Current Brigham Young University Provo, UT

- Pursuing a BS in Chemical Engineering. Sophomore in the program.
GPA: 3.43. Expected graduation: April 2010.

Interests/Service

- Member of AIChE (American Institute of Chemical Engineers)
- Served as a Volunteer Representative for The Church of Jesus Christ of Latter-day Saints for 2 years in Seoul, Korea from 2004 to 2006. For 9 months, functioned as one of two Assistants to the President and presided over 85 other volunteers. Learned to read, write and speak Korean fluently.
- Play the trumpet and the piano and perform in concerts occasionally.
- 2003 Eagle Scout.
- Competed in a marathon and continue to race in other running and swimming events.
- Currently serve as a volunteer President over the Brethren within my Church organization.