

Kelsey J. Lee

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Education

New Mexico State University, Las Cruces, NM | Diploma: May, 2016

- Bachelor of Science in Chemical Engineering with a Minor in Chemistry [GPA: 3.5 / 4.0]
- Member of The American Institute for Chemical Engineering [2012-Present]
- Top 10% of NMSU College of Engineering [2012-2016]
- Member of the Chemical Engineering Scholastic Fraternity, Omega Chi Epsilon [2014-Present]

El Paso Community College, El Paso, TX | 2010 – 2012

- Core curriculum for Chemistry Majors [GPA: 4.0 / 4.0]
- Recipient of the Wolslager's Foundation Scholarship [2011-2012]

Experience

Pilot Thomas Logistics | May 2017 – Aug 2017

Hydraulic Fracturing Tech | West TX & Eastern NM

- Performed refueling and repairs of frac equipment - testing, cleaning, assembly, disassembly, etc

Triad Industrial Consulting | Mar 2017 – May 2017

Technical Chemical Consultant | West TX & Eastern NM

- Performed technical sales and equipment installation for heavy equipment- hydraulics, engine, & powertrain solutions

Schlumberger Oilfield Services – MI Swaco | Aug 2016 – Mar 2017

Mud Engineer & Solids Control | Midland, TX

- Ensured the properties of the drilling fluid are within desired specification by performing Standard API tests
- Maintained and operated solids control equipment to promote efficient drill cuttings removal

Canutillo High School | Jan 2016 – May

AVID Tutor | 2016 Canutillo, TX

- Conducted tutorial sessions and mini lessons to prepare students for all aspects of college life

Entegris | May 2015 – Aug 2015

Engineering Intern | Burnet, TX

- Modeled non-traditional, batch distillation processes with integrated control loops using Aspen Custom Modeler software and optimized conditions to minimize operating costs and runtime
- Lean manufacturing experience: participated in implementing 5S techniques for various sections of the plant, including an electronics grade ISO 9001 clean room environment
- Redlined and created various process and utility P&IDs, and validated control and spec limits
- Participated in several Root Cause Analyses and an intensive Minitab training

Dona Ana & El Paso Community College | Aug 2012 – May 2015

Tutor and Supplemental Instructor | Gadsden, NM & El Paso, TX

- Responsible for tutoring students in math, chemistry, biology, physics, and writing
- Coordinated with professors to provide additional resources for pre-calculus, calculus, and chemistry students through additional classroom instruction and individualized tutoring sessions

New Mexico State University | May 2014 – Aug 2014

Water Fellowship Recipient | Las Cruces, NM

- Participated in a water fellowship in cooperation with the U.S. Bureau of Reclamation to determine the feasibility of small scale reverse osmosis plant for a rural New Mexico community

Secure Origins, LLC | May 2012 – Nov 2013

Programming Intern | El Paso, TX

- Designed various programs to monitor remote cross-border bio-hazardous shipments
- Created and implemented SOPs for authentication of threats and minimized exposure to anticipated contamination

Abilities

- Capability to work productively and accomplish assignments with little to no directives in a team and individual setting
- Programming knowledge in MATLAB, MathCAD, Python, VB, C, C++, PLC, Aspen (ACML) and HTML