Alexander Jordan Lach

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OBJECTIVE

To find employment for the summer of 2014 with a petroleum company where I can use my skills to contribute to the organization while acquiring work experience in the oil and gas industry.

EDUCATION

The University of Tulsa (Tulsa, Oklahoma) Expected Graduation: December 2014

-Bachelor of Science in Petroleum Engineering
-Current Cumulative GPA: 3.26, Major GPA: 3.55

Strake Jesuit College Preparatory (Houston, Texas) Graduated: May 2010

-GPA: 3.5, SAT: 2200, ACT: 35

RELEVANT WORK EXPERIENCE

Apache Corporation Production Engineering Intern Summer 2013

-Performed economic analysis of recompletions, estimating EUR's using Monte Carlo simulation.
-Designed pump system in Rodstar which was installed on well with fluid loading, boosting production.
-Completed workover project for a casing leak repair with an NPV12 of $173,000.
-Optimized plunger lift install on location, experienced frac job, and saw coil tubing cleanout.

Apache Corporation Engineering Field Intern Summer 2012

-Planned and oversaw recompletions, wireline operations, squeeze jobs, and fishing operations.
-Serviced field equipment including compressors, separators, dehydrators, and pumps.
-Assisted pumpers, reading EFM's, checking gas charts, and gauging production tanks.

Research Assistant at the TU Institute for Information Security June 2010 – August 2011

-Designed and wrote security software to run on multitouch platforms.
-Presented work to government personnel, including the Director of the NSA.

Tulsa Undergraduate Research Challenge Summer 2011

-Managed team of undergraduates on a software design project.
-Engineered software to run in a Windows desktop environment.

ACCOMPLISHMENTS AND SKILLS

-Experienced with Aries, Scout, Petra, Rodstar, and Openwells
-Extensive programming experience in Visual Basic, Java, C#, and Python
-Vice President of ACM, Secretary of MAA, active member of SPE and AADE
-As ACM vice-president, organized a CS competition with major industry sponsorship.
-Presented at TURC 2011 Spring Gala
-Lead a team chosen to present at 2010 ConocoPhillips TU Technology Summit
-Recipient of University Scholarship, Dean's Scholarship, and Music Scholarship