

Silin (Leo) Huang

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Education

The University of Texas at Austin **May 2018**
BS in Petroleum Engineering Honors with 3.66/4.00 GPA

Experience

Production Engineering Intern, Texas Oil and Gas Institute **May 2016 – August 2016**

- Potentially raised net profit by \$1.1 million after reviewing and recommending artificial lift system
- Represented team of 16 interns by presenting project to UT System Board of Regents and CEO of Hilcorp
- Optimized artificial lift and correlated completions with EUR in Permian Basin
- Developed automated 30 year artificial lift economics spreadsheet from reservoir simulation data
- Presently collaborating with mentor and team members to turn project results into SPE paper

Undergraduate Research Assistant, Center for Petroleum and Geosystems Engineering **May 2015 – Present**

- Conducting EOR experiments involving surfactant and acid treatment, guided by Prof. Kishore Mohanty
- Completely restructured chemical inventory to improve laboratory organization and safety
- Presented independent work on matrix acidizing for annual SPE Paper Contest

Engineering Marketing Intern, Texas Instruments **September 2013 – May 2014**

- Created database with over 15,000 entries of customer information for business opportunities
- Edited technical documents and brochures for the launch of two new safety microcontroller products

Extracurricular Activities

Co-Founder and President, Frac PAC, UT Austin **January 2014 – Present**

- Created organization to improve perception of industry through community service and public education
- Organized 138 man-hours of volunteering and spread message to over 200 people in the community
- Spearheaded successful initiative to become officially affiliated with Cockrell School of Engineering
- Secured \$1,000 in corporate funding through reaching out to professional network

Member, American Association of Drilling Engineers, UT Austin **September 2014 – Present**

- Volunteered over 40 hours setting up professional networking events in special events committee
- Organized career development workshop for over 100 students as freshman representative

Member, Texas Undergraduate Computational Finance, UT Austin **January 2016 – Present**

- Using data-driven and fundamental analyses to find profitable opportunities in markets
- Learning to build genetic algorithms and statistical models for weekly pitch presentations

Skills

Very proficient in Oilfield Manager (OFM), PIPESIM, Kappa Citrine, IHS Enerdeq, and Wood Mackenzie

Trained in Petrel, OLGA, Kappa Topaze, Spotfire, and QRod

Skilled in MatLAB, Python, Access, and Excel

Extremely fluent in Chinese (Passed HSK Level 6 – Highest level of international Chinese proficiency exam)

Achievements and Awards

Eagle Scout, Boy Scouts of America **2014**

- Served as troop leader for two half-year terms and planned all events for over 120 scouts

SPE Gulf Coast Section Scholarship **2014**

SPE Dallas Section Scholarship **2015**

Eligible to work in US