

## Silin (Leo) Huang

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### Education

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#### The University of Texas at Austin

May 2018

BS in Petroleum Engineering Honors with 3.66/4.00 GPA

### Experience

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#### 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

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#### 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

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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

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#### 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