

Jeremiah Massera

Oklahoma City Metropolitan Area

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OBJECTIVE

To secure a Summer 2025 Internship with an organization where I can utilize my strong leadership capabilities, work ethic, and extracurricular studies to better prepare my future. I am a college student paying my own way through school who is highly driven and eager to develop technical and leadership skills in the industry. We are experiencing a new frontier of energy demand and I want to be ready to improve the quality of life for energy consumers by providing them with reliable and affordable energy.

EDUCATION

University of Oklahoma

Petroleum Engineering / Bachelor of Science (BS)

- Graduation Date: December 2025

WORK AND PERSONAL EXPERIENCE

OU Integrated Core Characterization Lab

Summer 2024

- Performed FTIR, SRA (TOC), and PVT analyses on core samples.
- Researched natural hydrogen formation processes and location potential.

Universidad Polytécnica de Madrid: OU Study Abroad

Summer 2024

- Analyzed Cherokee Shale well production by characterizing decline curve parameters on PDPs to apply forecasts on potential well sites (PUDs) based on a distance algorithm.
- Ran economic evaluations, decline curve forecasts, and drilling program on 18 PUDs
- Presented findings with diverse mixed Spanish team
- Visited historical production sites in Burgos, Spain, and analyzed geological correlations

Pickleman's Gourmet Cafe

2021 – 2024

- Served as the corporate trainer and shift manager.
- Analyzed and evaluate revenue reports to schedule employee shifts and manage inventory.
- Ensured customer experience was organized, professional, and delightful in order to maintain revenue objectives.

Wheeling Park District Lifeguard

Summer 2022

- Ellis Island & Associates Lifeguard Certified.
- Performed CPR and first aid, supervised resort guest safety, and rescued swimmers.

SCHOOL INVOLVEMENT

American Association of Drilling Engineers: Secretary

University of Oklahoma / 2024 – 2025

- Manage active roster, events, student and industry coordination
- Networked in OKC area and set up 3 tech talks with companies for OU
- Took students to OKC MidCon events and setup two rig tours for OU Students

Society of Petroleum Engineers: Social Chair

University of Oklahoma / 2023 – 2025

- I set up our local SPE events for speaker and guest experiences and entertainment.

Sooner Racing Team

University of Oklahoma / 2023 - 2024

- Developed CAD design of frame assembly of competition formula race car
- Use welding skills (TIG) to craft the vehicle's frame safely.
- Strategized teamwork in order to hit deadlines effectively.

Introduction to Petroleum Engineering

- Visited LNG processing and waterflood production sites

Introduction to Engineering

University of Oklahoma / 2021

- Assisted my team in developing a rudimentary prosthetic hand using 3D-printed designs.
- Utilized Gantt charts to schedule, develop, and price projects.

Sigma Nu Fraternity: House Manager

University of Oklahoma / 2020 – 2022

SOFTWARE

Microsoft 365(Excel), G-Suite, VBA, Python, AutoCAD, SolidWorks

Awards

- Donald E. Hall Scholarship
- Lt. William Scott Scholarship
- Keys-PGE Scholarship
- Mewbourne Scholarship