

# Justin Jaramillo

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## **SUMMARY**

I am a dedicated student at the University of Texas at Austin with a strong foundation in problem-solving and teamwork, complemented by practical experience gained through an Engineering internship focusing on land and site development. I am a results-driven individual who thrives both independently and collaboratively, possessing a keen aptitude for numbers and a resilient attitude towards challenges. Passionate about advancing the field, my career goal is to contribute innovative solutions to oil extraction. Outside of work, I maintain focus and consistency through regular workouts, embodying a positive and determined approach to personal and professional growth.

## **SKILLS**

**Computer:** AutoCAD, Python, Spyder, Excel, Word, PowerPoint, Enverus  
**Languages:** Fluent in Spanish

## **EDUCATION**

**The University of Texas at Austin**

May 2025

**Major:** Bachelor of Science in Petroleum Engineering

**Minor:** McCombs School of Business

**Activities:** UT Society of Petroleum Engineers (2021-Present)  
Pi Kappa Alpha Fraternity Member (2020-2024)

## **Relevant Coursework**

Petrophysics, Transport Phenomena in Geosystems, Properties of Petroleum Fluids, Data Analytics and Geostatistics, Sustainability Issues in Energy, Reservoir 1 & 2, Drilling.

## **RELEVANT PROJECTS**

**PGE 323L. PGE 323L. Reservoir Engineering II: Secondary and Tertiary Recovery**

Spring 2024

- Utilized Computer Modeling Group (CMG) software to calculate relative permeability and water saturations for various reservoir simulations.
- Employed Python programming to automate data analysis and enhance accuracy in calculating relative permeability, water saturation parameters, and fractional flows of water.

**PGE 323K. Reservoir Engineering I: Primary Recovery**

Fall 2023

- Applied analytical and numerical simulation tools to model reservoir behavior and predict production outcomes.
- Utilized data analytics to assess reservoir characteristics and fluid properties.

**PGE 379. Energy and The Environment**

Fall 2022

- Analyzed the costs and benefits associated with different energy sources.
- Calculated and created a full lifecycle analysis and carbon footprint for oil in an accurate Excel spreadsheet.
- Presented lifecycle analysis in front of academic professors..

## **RELEVANT EXPERIENCE**

**BGE Inc., Austin, TX**

*Civil Engineering Intern*

June 2022-August 2022

- Contributed to land/site development plans and projects, including master planned communities, industrial business parks, and mixed-use retail developments.
- Incorporated ideas and concepts towards project proposals as well as budget cost for projects.
- Applied proficiency in infrastructure design, employing a deep understanding of utilities, transportation systems, and drainage solutions through AutoCAD.

## **Certifications**

Fall 2024

- Enverus Certified Specialist

## **WORK HISTORY**

Fall 2022-Present

**Lululemon, Austin, TX**

*Educator*

- Actively engage in cross functional teamwork, collaborating with fellow Educators and store staff.