

Xabier Palacios

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Professional Summary

Highly motivated petroleum engineer with 2 years of experience in the oil and gas industry. Seeking an opportunity to contribute to a team's success while learning from my more experienced colleagues in order to better myself as an engineer. Team oriented engineer with knowledge of software development as well as financial risk management for oil and gas purposes. Strong leadership, communication, and interpersonal skills.

Skills

- Python, MATLAB, HTML, CSS, JavaScript, SQL, Django
- Leadership and Teamwork
- Machine Learning and Artificial Intelligence
- Microsoft Office, highly proficient in Excel with VBA
- Project Management
- Financial Risk Analysis

Experience

Asset Development Intern May 2020 - Current

TRM Energy, Kuala Lumpur, Malaysia

- Conducted risk analyses for potential investment opportunities for 3 offshore/onshore fields in Vietnam.
- Learned how to develop a new project and work alongside 3rd party companies by shadowing experienced professionals.
- Generated multiple production projections in order to analyze whether fields were financially viable.
- Applied Machine Learning and AI to develop predictions of field properties.
- Developed data management software using an SQL database to optimize the startup company's work efficiency and organization.

Proposal Engineer Intern

June 2019 - August 2019

Siemens Oil and Gas, Houston, Texas

- Designed compressors for various EOR for end users such as PEMEX, Saudi Aramco, and Exxon Mobil.
- Learned about financial agreements in the oil and gas industry and how companies compensate for heavy CAPEX losses with OPEX agreements.
- Learned about the importance of creating accurate cash flow models for engineering project management.
- Helped determine payment and service agreements to offset losses at sale price with long-term service agreements that returned above hurdle rate gains at net present value.
- Worked alongside international colleagues to help develop an improved universal database.

Team Leader

October 2019 - March 2020

BP, College Station, Texas

- Developed a BOP attachment to detect gas and solution gas in the drilling riser for the BP Aggies Invent.

- Spearheaded an effort to bring this idea to the next level and possibly turn this idea into a reality after winning the competition.
- Learned a great deal about project management, data communication, creativity, and most importantly - leadership.

Education

Bachelors of Science in Petroleum Engineering - Texas A&M University , College Station, Texas

May 2021

- GPA: 3.0, Major GPA: 3.2
- Fred M. Lege III Endowed Scholar Recipient
- National Society of Leadership and Success Scholarship

Affiliations

- Society of Petroleum Engineers - Director of Academic and Career Development
- Association of American Drilling Engineer - Chairman of Philanthropy
- Society of Hispanic Professional Engineers - Philanthropy Board

Languages

Fluent in English, Spanish, and Portuguese