



Jorge Alberto Ivan Ambriz Garcia
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Skills

CMG: winprop, stars, Excel, Python, analytical reasoning, critical thinking, problem solving, research, data presentation, attention to details.

Soft skills

Resilience, teamwork, strategic planning, adaptability, commitment, persistent, leadership.

Courses

Oil and gas industry operation and markets

Knowledge of the hydrocarbon business within the current context

Casing design and cementing

Data analysis with python

Languages

English: advanced

Italian: intermediate

Jorge Alberto Iván Ambriz García

Petroleum engineering student passionate about politics and economics of international O&G industry and energy. I am an apprentice of drilling and reservoir engineering and an enthusiast of data analysis and data visualization. I am analytical and results oriented.

My goal is to develop myself in different areas of the O&G industry, learn about and apply new technologies and then plan, develop, and evaluate larger-scale projects.

Experience

Research intern for thesis work (IMP) – May 2020 to present

- Made a numerical simulation to assess the drive mechanisms presented in a high-pressure air injection (HPAI) process, in specific the thermal effects and included the combustion of the vapor phase applying flammability ranges.
- **Presented an analysis and trends** of the O&G industry statistics.
- Evaluated the feasibility of HPAI process in Mexico.

Advisor intern (CNH) – February 2020 to May 2020

- Supported the **review of exploration plans** presented by oil operators and **reported any inconsistencies**.
- **Analyzed, and prepared reports** of the information provided by oil companies that operate in Mexico to certificate the reserves.
- **Created formats to reduce the time of review**, saving more than two hours per report, helping non-petroleum engineers to get used to it.

Research intern (IMP) – January 2019 to July 2019

- Data collection of EOR processes where thermal methods were carried out and created a database that can be used for reservoir simulations.
- **Manage and troubleshoot reservoir simulations** and obtained more accurated results.

Projects and awards

- **Google Developer Student Club** (UPIITA-DCS) – **Lead the planning, design, and development** of the project Green Tech Lives, with the aim of measuring the carbon footprint generated by the mobile devices and proposing goals to reduce it.
- **EAGE** Exhibitor of Implementation and feasibility of offshore air injection.
- Member of the IPN **petrobowl** team 2018 **Baton Rouge, Louisiana**.
- Second and first place in the 2017 and 2018 Oil Cup IPN.