

Felipe ESPANA

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Languages: English C1, Chinese HSK 3 & Spanish Native

[Portfolio](#)

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EDUCATION

Globant University

Quality Control Automation

February 2023 - Present

Academlo Institute

Front-End Development with ReactJS || Back-End with NodeJS

October 2022 – March 2023

China University of Petroleum - Beijing

Master's Degree in Petroleum Engineering

September 2020 – January 2024

Escuela Superior Politécnica del Litoral

Bachelor's Degree, Petroleum Engineering

October 2011 – June 2017

PROYECTOS PRINCIPALES

Survey on willingness to study in China Competition

This project is based in the south America region with especial focus in the following countries: Ecuador, Bolivia, and Colombia.

January 15th, 2021 – March 15th 2021

- It is well known that China University of Petroleum-Beijing is one of the best universities of China and the best related to the Petroleum industry.
- In order to better recruit and serve international students and attract more outstanding students to join the big family of China University of Petroleum (Beijing), the College of International Education organized the "Survey on Willingness to Study in China" Competition.

E-Commerce

Fully responsive Internet sales application and made as a team communicating through git and with native technologies such as HTML5, CSS3, and JavaScript.

November 1st, 2022 – November 6th, 2022

- This APP has a functional shopping cart, in which you can add the objects you wish to acquire, and the purchase button will generate your request.
- By selecting the items that the user wishes to buy, the total purchase cost is displayed, and items can be added or removed.

Rick & Morty API

Modern application made using ReactJS for its functionality and CSS3 for design and animations.

November 28th, 2022 – December 04th, 2022

- The Rick and Morty API was consumed, the name of the universes in which the images of the main characters appear was extracted, an id's search engine was also implemented to improve the user experience.
- This application has a responsive design and is easy to use.

Smart completions in water injection wells using ICD to reduce viscous interdigitation effect.

Paper made with the collaboration of the Halliburton & Kappa Company with their NeTool and Rubis (Multi-Purpose Numerical Model) software respectively.

October 10th, 2016 – May 30th, 2017

- Published in the Fuentes Magazine of the Universidad Industrial de Santander and presented at the 2021 Future Petroleum Engineers Forum / China University of Petroleum - Beijing event.

EXPERIENCE

E-Learning Academy

Academlo Apprentice

Querétaro, Querétaro, México

October 2022 - Present

- As a programmer I constructed through the use of JavaScript, Tailwind, ReactJS or NextJS. Allowing me to apply clean code and responsive models to all my projects.
- I have developed teamwork skills, since despite some of us being in different countries we have been able to implement technology, organize ourselves and achieve our goals.

Organization

Red Cross

Esmeraldas, Esmeraldas, Ecuador

October 2021 - Present

- We train in courses related to Human Rights, Psychosocial Support, First Aid, Risk Management, Telecommunications and Prevention of Covid 19. As volunteer.
- We have collaborated in the dissemination of blood donation campaigns.
- In addition, to carry out recreational activities for boys and girls from conflictive areas of the province of Esmeraldas.

Organization

Teach for All - Ecuador

Jama, Manabí, Ecuador

March 2018 - August 2019

- I was part of the Teach for All network in Ecuador as a teacher, dedicated to training professionals from all areas of Ecuador for quality teaching to all Ecuadorian children and youth and provide the opportunity to obtain the necessary skills for the development of their learning.
- I had the opportunity to teach physics and mathematics to high school students and I gained mastery of the scenario and improved my logic and abstraction skills.

Company

Schlumberger

Quito, Pichincha, Ecuador

March 2017 – June 2017

I bring an interesting success story to the office of the Schlumberger quality department, together with a group of interns under my leadership and our supervisor:

- We successfully support the documentation (Quality Files) related to the tools with the client (Petroamazonas EP) drops used in the wells.
- It is worth emphasizing the importance of this activity since it generates trust between the client and the company that provides its services for rehiring.

Company

Oleoducto de Crudo Pesado - OCP S. A

Lago Agrio, Sucumbíos, Ecuador

February 2016 – April 2016

As an intern for OCP SA in the area of maintenance and operations:

- Our team organized a list of the mechanical equipment that was used during the activities carried out at the oil transportation stations to detect obsolete equipment and also equipment that has already been spent.
- In addition, oil and gas tests were carried out in the laboratories of the Esmeraldas' stations to verify the quality of the crude oil and begin its distribution.

SKILLS

PROGRAMMING LANGUAGES

2 años: JavaScript

2 años: Java

1 año: Python

1 año: PSeInt

TECHNOLOGIES

ReactJS, HTML5, CSS3, MySQL, NodeJS, ExpressJS, Postman, Tailwind, NextJS, GitHub, Netlify, Visual Studio Code, Axios, NeTool, ArcGIS, Word, Excel, Power point.

RECOGNITIONS & AWARDS

2021 Future Petroleum Engineers Forum

Issued by China University of Petroleum - Beijing · May. 2021

This honor was presented in recognition of the excellent presentation in the paper contest at the 2021 Future Petroleum Engineers Forum, getting the third prize in this competition for the publication of "Smart Completions in Water Injection Wells Using ICD to Reduce Viscous Interdigitation Effect".

Full Scholarship

Issued by China Scholarship Council · Aug. 2019

Full scholarship to study in China University of Petroleum - Beijing

1 year to study Chinese language.

3 years to study for a master's degree in Oil and Gas Field Development Engineering.

Certificate of Class Ranking

Issued by The Technical Academic Secretariat of ESPOL University · May. 2017

With an identification number 0804367613 and ESPOL student number 201108457, graduated from this Institution on May 30, 2017, in the Petroleum Engineering program, having received the Degree of Bachelor of Science in Petroleum Engineering, was ranked in the 1° place among 9 graduates of the aforementioned program during the year 2017, with a general average of 8,55 out of a possible 10.

2016 PetroBowl South America and Caribbean Regional Qualifier

Issued by Society of Petroleum Engineers · jun. 2016

I was part of a team of outstanding petroleum engineering students to compete in a contest called PetroBowl South America and Caribbean Regional Qualifier held in the city of Buenos Aires, Argentina.

Excellence Award

Issued by Institute of Physics at ESPOL University · Feb. 2012

Recognition of the brilliant work and optimal performance shown in the Physics course was dictated by Professor Hernando Sánchez Caicedo (M.Sc.)

COURSES

Machine Learning: Basic course in Machine Learning and Python (Redait Media, 2022).

Financial Planning for Young Adults (University of Illinois, 2021).

Specialized program: Programming for Everybody (University of Michigan, 2020).

Environmental Consulting Program: audit, bioremediation, consulting & monitoring (Ministerio del Trabajo, 2020).

Teacher preparation: Connectivity activities and work in the community (Enseña Ecuador, 2018).

Artificial Lift: Design and Selection of Jet Pumps (Sertepet, 2016).

Pressure Transient Analysis & Production Logging Interpretation (Kappa, 2016)