



Alex Perez

📍 Quito-Ecuador 📞 +593998400153 📧 palex9664@gmail.com

Profiles

🔄 [Negatix092](#)

[in](#) [Alex Perez](#)

Summary

Physicist and Computer Science Engineer with a strong foundation in Physics and hands-on experience in Python, SQL, and automation. Proven ability to streamline processes and improve efficiency through data technologies. Fluent in English and Spanish, with a passion for problem-solving and innovation in data-driven environments.

Experience

MASVirtual November 2024 - Present
Data Engineer Jr. Remote

Schlumberger (SLB) January 2024 - June 2024
Intern Quito - Ecuador

Developed a Python automation tool to streamline quarterly reporting and a mobile app with Power Apps integrated with Microsoft SQL, Excel, and SharePoint, improving efficiency, notifications, and document management.

MASVirtual January 2022 - May 2022
Data Practitioner Jr Quito - Ecuador

Served as a Junior Data Practitioner, managing insurance data using SQL, Microsoft Azure, AWS, and Python. Focused on data analysis to support decision-making and project success.

USFQ January 2021 - December 2021
Assistan of Investigation Quito, Ecuador

Contributed to the analysis and calibration of optical tweezers, gaining expertise in Quadrant Photo-Diode (QPD) usage. Utilized MATLAB and Gnuplot for data analysis and assisted in developing an experimental setup for optical tweezers research.

Education

USFQ August 2015 - December 2021
Physics Bachelor of Science

3.3 GPA
<https://www.usfq.edu.ec/es>

USFQ January 2022 - December 2024
Computer Science Bachelor of Engineering

3.4 GPA
<https://www.usfq.edu.ec/es>

Skills

Machine Learning Architectures (LSTM, CNN, Transformers)

● ● ● ● ○

Python Programming and Automation

● ● ● ● ○

Docker and Port Management

● ● ● ● ○

Terminal Proficiency (Linux, Mac, Windows)

● ● ● ● ○

SQL and Database Management

● ● ● ● ○

Microsoft Power Automate and Power Apps for Process Automation

● ● ● ● ○

Data Analysis and Visualization (MATLAB, Gnuplot)

● ● ● ● ○

Data Migration and Cloud-Based Systems (Azure)

● ● ● ○ ○

Web Application Development (HTML, Laravel, PHP, CSS, Js, Java, C++, Heroku)

● ● ● ● ○

Languages

Spanish

● ● ● ● ●

English

● ● ● ● ○

German

● ○ ○ ○ ○

Interests

Volunteering

Reading