



Alex Perez

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Profiles

🔗 [Negatix092](#)

[Alex Perez](#)

Summary

Computer Science student 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.

Education

USFQ **August 2015 - December 2021**
Physics Bachelor of Science
3.3 GPA
[🔗 https://www.usfq.edu.ec/es](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](https://www.usfq.edu.ec/es)

Experience

Schlumberger (SLB) **January 2024 - June 2024**
Intern Quito - Ecuador
[🔗 https://www.slb.com](https://www.slb.com)

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
[🔗 https://www.masvirtual.net](https://www.masvirtual.net)

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
[🔗 https://www.usfq.edu.ec/es](https://www.usfq.edu.ec/es)

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.

Skills

Machine Learning Architectures
(LSTM, CNN, Transformers)

● ● ● ● ○

Python Programming and
Automation

● ● ● ● ○

SQL and Database Management

● ● ● ● ○

Microsoft Power Automate and
Power Apps for Process
Automation

● ● ● ● ○

Cloud-based Data Systems
(Microsoft Azure, AWS)

● ● ● ● ○

Web Application Development
(HTML, Java, C++, Heroku)

● ● ○ ○ ○

Languages

Spanish

● ● ● ● ●

English

● ● ● ● ○

German

● ○ ○ ○ ○

Interests

Volunteering

Reading