

Julián Camilo Acevedo Espitia

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I am a geologist with experience in geological mapping, use of GIS software for thematic map creation, operation of DRX and FRX equipment, and interpretation of results. I have basic programming skills and extensive knowledge and interest in Sedimentology and Stratigraphy. I have been responsible for managing geographic databases for accurate and clear analysis and representation.

ACHIVEMENT

- I mapped the geology, along with four other partners, of a 60 km² area within a month, where I was responsible for digitally converting the physical map using ArcGIS.
- I utilized DRX and thin sections to observe and characterize significant differences in rocks that appeared similar.
- I prepared and analyzed 10 thin sections of sedimentary rock over two months for the development of my thesis project.

EXPERIENCE

ECOPETROL | INTERNSHIP IN GEOLOGY | AGO 2022 - FEB 2023

- I collaborated in the compilation of relevant geological literature and analysis, which contributed to the theoretical and methodological foundation of geological projects and studies.
- I developed advanced skills in the use of specialized software for seismic interpretation, enabling detailed and precise analysis of subsurface geological structures.
- I conducted a final project on the detailed mapping of mud volcanoes in the Colombian Caribbean region, which involved the practical application of all the knowledge and skills I acquired and developed.

ASSISTANT STUDENT | OCT 2021 - AGO 2022

- I acquired skills in the meticulous preparation of mineral samples in powder form for subsequent analysis, ensuring the quality and precision of the results obtained.
- I carried out the operation and calibration of X-ray Diffraction (XRD) and X-ray Fluorescence (XRF) equipment, ensuring their optimal performance for obtaining accurate data.
- I developed skills in the interpretation of diffractograms obtained through XRD and XRF techniques, allowing for the identification of minerals and compounds present in the analyzed samples.

EDUCATION

UNDERGRADUATE IN GEOLOGY

Universidad Nacional de Colombia | 2018 - 2023

DIPLOMA IN PROGRAMATION, PYTHON

Universidad tecnológica de Pereira | 2022

ACADEMIC HIGH SCHOOL

Liceo Alfredo Nobel | 2011 - 2016

SKILLS

ArcGIS y QGIS:
Advanced

Golden Grapher:
Intermediate

Google Earth Pro:
Intermediate

MS Office:
Advance

Python:
Basics

DecisionSpace
Geoscience:
Intermediate

LANGUAGES

SPANISH Nativo
ENGLISH B2

DRIVING
LICENSE A2 y B1