Cristian Juarez

Residence: Pátzcuaro, México

E-mail: cristian.jv653@gmail.com ✻ *Telephone number:* +52-434-121-9684

Website: https://cristianjuva.github.io/

Professional Porfile

High level in mathematics, English and science with active participation in clubs and society. I hope to pursue a career in frontier sciences to apply all knowledge to improve our community and make the world a better place for all. I am committed to society to contribute my best effort.

Education

Bachelor's degree in Earth Sciences *National Autonomous University of Mexico (UNAM)*
Specialization in applied geophysics *August 2018 - June 2022*
Thesis: "Multifractal analysis of the 2020-2021 seismic swarm in Uruapan, Michoacán".
Advisor: Dr. Angel Figureoa-Soto

Experience (Carrer summary)

Bachelor's thesis *September 2022 - May 2023*
Thesis student *Research Institute for Earth Sciences (INICIT)*

- Performed statistical and seismological research to understand the complex swarm in Uruapan, Michoacán through a multifractal analysis.
- Wrote a bachelor's thesis to share the results of the investigation with the scientific community.

Academic Writing Course *August 2022 - May 2023*
Learner *UNAM*

- Development of academic writing skills in a variety of academic and professional contexts in English.

Intership at Laboratory LAIDEA *March 2022 - September 2022*
Intern researcher *UNAM*

- Designed and applied an innovative method to understand the relationship between rocks' electrical and physicomechanical properties.
- Attend monthly meetings to share the most significant research advances and actively contribute to society through scientific dissemination.

IRIS Seismology Skill Building Workshop *June 2021 - August 2021*
Learner *IRIS*

- Learned the most advanced technologies related to computational seismology for earthquake processing.
- Development of an end-of-degree project to study the Mw 8.2 earthquake that occurred in 2017.

National Seismological Service *February 2021 - May 2021*
Learner *SSN*

- Learned the seismological tools used by the SSN to monitor earthquakes in Mexico.
- Carried out weekly tasks to apply the methodologies learned in the workshop to real seismic records.

Language proficiencies

Spanish	Native speaker
English	Intermediate-Advanced (B2)

Technical skills

Coding	Python, Bash, LaTeX, R
Web Dev	HTML, CSS, JavaScript
Software	Windows, Linux
Others	Sac, SEISAN, Qgis, ArcMap

Volunteering

Firefighters	Support to the city's fire brigade in various emergency situations.