J. ABEL ROSALES GUZMÁN

Ph.D. in Astrophysics, Data Analyst, Data Scientist

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SUMMARY

Versatile Research Scientist/Data Analyst with experience interpreting and analyzing data. Excellent understanding and proficiency of platforms for effective data analyses, including SQL, Sheets and Excel, and Python. Strong communication, organization, and analytical skills. Seeking a full-time roll in the field of data analytics.

EXPERIENCE

Math and Physics Tutor for High School Students

Independent

📅 2017 – 2020   📍 CDMX

- Provided personalized tutoring sessions in mathematics and physics to high school students
- Assisted students in understanding complex concepts, improving grades, and building confidence in their academic abilities

SKILLS

Python, Data Visualization, Spreadsheets, Pivot tables, Image processing, SQL, Bash, R, Tableau

Operating Systems

Windows, Linux, MacOs

EDUCATION

Ph.D. in Astrophysics

Instituto de Astronomía, UNAM

📅 Jan 2020 – June 2024

Skills applied: Python | bash | Data Visualization | Mathematical modeling | Numerical methods | LaTex

M.Sc. in Astrophysics

Instituto de Astronomía, UNAM

📅 Aug 2017 – July 2019

Skills applied: Python | bash | Neural Networks | Data Manipulation | Mathematical modeling | SQL | LaTex

B.Sc. in Physics

Facultad de Ciencias, UNAM

📅 Aug 2010 – June 2017

CERTIFICATES

Google Data Analytics Professional Certificate
Online

STRENGTHS

Hard-working | Dedicated | Analytical thinking | Team Collaboration | Effective communication | Problem solving | Public speaking

Information Technologies | Mobile Devices & Applications | Product Management & Marketing

LANGUAGES

Spanish - Native
English - B2
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ACADEMIC LIFE

During my time in academia, I led various projects that resulted in the publication of two scientific articles in high-impact journals worldwide. Additionally, I collaborated with international groups, contributing to three additional scientific publications. As part of my Ph.D., I have given scientific and outreach talks in both English and Spanish.