

GUIDO FREIRE

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EDUCATION

- Instituto de Ciencias de la Computación**, Buenos Aires 2025–present
AI Safety Research Fellow
Funded by Open Philanthropy fellowship to research safe deployment of medical LLMs.
- Universidad de Buenos Aires**, Buenos Aires 2020–2024
Licenciatura in Data Science.
Graduated with *Gold medal*, highest academic distinction.
- Universidad de Buenos Aires**, Buenos Aires 2020–2022
Bachiller Universitario in Data Analysis.

EXPERIENCE

- ZS Associates** 2024–present
Business Technology Solutions Associate. Led migration of Johnson & Johnson oncology pipeline to AWS Redshift, enabling more than 200 researchers to access harmonized biomarker data from multiple clinical trials. Developed automated ETL pipelines integrating LabCorp and RAVE data, reducing ML data preparation time by 40%. Designed scalable schemas and reporting views for global sample tracking.
- Universidad de Buenos Aires** 2023–2024
Teaching Assistant in Computational Linear Algebra.
Teaching Assistant in Differential Equations.
- Ministry of Science and Technology** 2022
Intern Data Scientist. Analyzed Tecnópolis visitor data using Python, SQL, and PowerBI to optimize outreach. Designed introductory workshops for non-technical audiences.

HONORS

- AWS Certified Cloud Practitioner, 2025.
Participant, Iberoamerican Mathematics Olympiad, 2016.
National Champion, Argentine Mathematics Olympiad, 2016.
Student Exchange, CHUO High School (Morioka, Japan), 2018.

TALKS & PRESENTATIONS

- Poster: *Optimal Transport for Batch Correction in multi-source RNA-Seq datasets*.
Spring School for Deep Learning, 2025.
- Thesis: *Identifying genetic biomarkers in soybean (Glycine Max) using RNA-Seq data*.
Universidad de Buenos Aires, 2024.
- Student Volunteer: Latin Ibero-American Conference on Operations Research.
Buenos Aires, 2022.

OTHER INFORMATION

- Languages: Spanish, English (C2, Cambridge Proficiency), German (B2).
Nationalities: Argentine, German.
Interests: Piano, trumpet, french horn, certified bartender.