Fabian Urbina

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Professional Summary

Bachelor of Mathematics at Pontificia Universidad Católica de Chile, ranked first in Chile and second in South America by the QS University Ranking. Strong foundations in probability, statistics, linear algebra, and numerical analysis. Experienced using programming languages like Python, R, and Mathematica; relational databases like MySQL and SQL Server; deep learning frameworks like PyTorch and TensorFlow; and data visualization tools like Power BI and Tableau for advanced analysis and data-driven decision-making.

Education

Pontificia Universidad Católica de Chile   Santiago
Bachelor's Degree in Mathematics   February 2018 – December 2024

- Chilean GPA: 5.6/7

Experience

Envases del Pacífico S.A., Treasury Department   December 2023 - January 2024

- Managed payments, bank transfers, and financial documentation, ensuring organization, confidentiality, and timely completion.
- Developed responsibility, attention to detail, organizational skills, and handling of confidential information.

Envases del Pacífico S.A., Treasury Department   December 2024 – January 2025

- Repeated treasury functions: payments, banking procedures, and document management.
- Strengthened skills in organization, responsibility, and handling confidential information.

Projects   2023 – 2025

- **Macronutrient Estimator** | https://huggingface.co/spaces/fito-zenden/nutrition_model
  Fine-tuned a ResNet model for macronutrient estimation from food images, implemented end-to-end training and validation pipelines, and deployed an interactive Gradio app on Hugging Face Spaces.

- **Gymbo** | https://huggingface.co/spaces/fito-zenden/gymbo
  Built an AI assistant that transforms natural language queries into executable Python–Supabase commands using OpenAI. It allows users to view, analyze, and log workout data stored in a Supabase database through a simple chat interface built with Gradio.

Certifications

Google Data Analytics Professional Certificate   February – March 2025

- Comprehensive data analytics course: data cleaning, analysis, visualization, and interpretation. Tools: Excel, Google Sheets, SQL, Tableau, and R.

Profesional Skills

- Critical thinking and Problem solving
- Adaptability and continuous learning
- Teamwork and collaboration
- Ethical and professional responsibility

Software

Programming Languages:	Python, R, Mathematica
Databases:	MySQL, SQL Server, Google Sheets, Excel
Visualization:	Tableau, Power BI
Libraries:	Pandas, Numpy, Seaborn, TensorFlow, PyTorch, scikit-learn
Languages:	Native Spanish, Intermediate English