Luciana Munhos Fioravanzo

Master's student in Data Science (M2) – École Polytechnique, Institut Polytechnique de Paris

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EDUCATION

Master's degree (M2) in Data Science – Specialization in Applied Mathematics and Statistics — Since 2025
École Polytechnique Palaiseau, France
- Program focused on Deep Learning, advanced Machine Learning, and large-scale data processing, with modules in Computer Vision, Time Series, Graphs, Generative Models, and Explainable AI. Includes hands-on projects and a capstone project.

Master Diplôme d'Ingénieur — From 2024 to 2026
Télécom Paris Palaiseau, France
- Double degree between Télécom Paris and Universidad de la República (Uruguay).
- Specialization in Image Processing and Data Science completed in the second year of the engineering cycle.
- Currently in the third year of the engineering program, with an external option in the M2 Data Science – Specialization in Applied Mathematics and Statistics at École Polytechnique (Institut Polytechnique de Paris).

Computer Engineering — From 2021 to 2026
Facultad de Ingeniería, Universidad de la República Montevideo, MO, Uruguay
- Coursework in algorithms, data structures, applied mathematics, optimization, and numerical methods.
- Strong background in software development, databases, distributed systems, networks, and formal language theory.
- Overall average: 9.64/10

Diploma in Computer Analysis — From 2021 to 2023
Facultad de Ingeniería, Universidad de la República Montevideo, MO, Uruguay
- Specialized in software development, computer systems analysis, and advanced mathematics.

WORK EXPERIENCE

Research Internship – MINA Group, Computer Science Institute — 2024 **(6 months)**
Facultad de Ingeniería, Universidad de la República Montevideo, MO, Uruguay
- Member of the MINA research group (Network Management and Artificial Intelligence).
- Actively participated in a project on programmable network cards for data center communication.

VOLUNTARY EXPERIENCE

Head of the Design Department – Bureau des Internationaux (BDI) — Since 2025
Télécom Paris Palaiseau, France
- Contributed to the integration of international students and designed visual materials and the association's graphic identity.

Volunteer Work and Community Engagement — From 2017 to 2020
Institutes Maturana and Juan XIII Montevideo, MO, Uruguay
- Participated in educational and recreational activities with children and teenagers, as well as community service projects in underprivileged neighborhoods and rural areas, focused on solidarity, education, and Salesian mission values.

DISTINCTIONS

Recipient of the France Excellence Eiffel Program
- Scholarship awarded by the French government to pursue the Master's in Engineering program at Télécom Paris.
- Ranked among the top 3% of engineering students at Universidad de la República (Montevideo, Uruguay).

SKILLS

Programming Languages
- Python, Java, C/C++, Prolog/Problog, P4

Databases
- SQL, PostgreSQL

Web Development
- HTML5, CSS, JavaScript

Data Science
- PyTorch, Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib, Seaborn, OpenCV

LANGUAGES

Spanish
Native language

French
DELF B2 and B2+ Intensive Course, CAVILAM, Alliance Française (2024)

English
Cambridge C2 – CPE (December 2020)

Portuguese
B1 - Oral communication, comprehension

REFERENCES

Eduardo Grampín
Professor, Universidad de la República
grampin@fing.edu.uy

Arthur Leclaire
Associate Professor, Télécom Paris
arthur.leclaire@telecom-paris.fr

INTERESTS

Passionate about Music
- 7 years of musical studies, teaching diplomas in drums, music theory, and rhythm, and performances in concerts.

Regular physical activity
- Strength training and cross training.