GRUSS Carlos

Signal & Image Processing for AI

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🚩 French
📍 Paris, France
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Languages

English - Bilingual (C1)

French - Fluent (B2)

Spanish - Native

Portuguese - Fluent (B1)

Computer Skills

Python (PyTorch, TensorFlow, Keras), C, JavaScript, Prolog.

Interests

Clubs and associations:
- Vice-president of the international student union at Télécom Paris (2024/25).
- Member of the English theatre troupe of Télécom Paris (2023).

Sports:
- Weightlifting: Currently competing for S.C. Neuilly in the French national league, won the 2022 Uruguayan national championship in 2022.
- Rugby until U20s: Member of the winning team of the 2019 South American Championship, member of the team which ranked 4th at 2019 World Rugby Trophy.

Maths and physics:
- Finalist in the 2017 Uruguayan National Physics Olympics.
- Member of the winning team at the "GEODIN" national geometry tournament, during high school.

Hobbies:
Reading (particularly Science Fiction and Fantasy books) and playing video games.

As part of my double degree at Télécom Paris, I'm seeking a 6-month internship to apply and deepen my Image & Signal Processing skills.
I'm a hard worker by nature and I'm looking forward to participating in innovative and challenging projects.

Education

Master's Degree in Engineering (Diplôme d'ingénieur)
From September 2023 to September 2025
Télécom Paris - Institut Polytechnique de Paris Palaiseau, France
Double diploma specializing in the fields of Signal Processing for AI (TSIA) and Image (IMA).

Master's Degree in Image Processing (Master M2)
From September 2024 to September 2025
Sorbonne Université Paris, France

Bachelor's degree in Electrical Engineering
From February 2019 to July 2023
Universidad de la República Montevideo, MO, Uruguay
Signal processing specialization.

Exchange semester
From September 2022 to January 2023
Universidad de Sevilla Seville, AN, Spain
Artificial intelligence and programming courses.

International Baccalaureate (IB) Bilingual Diploma
From February 2017 to December 2018
The British Schools Montevideo, MO, Uruguay

Work Experience

Undergraduate teaching assistant
From February 2022 to July 2022
Universidad de la República Montevideo, Uruguay.
- Helped deliver a robotics course using Arduino and micro:bit.

Automation engineering assistant
From December 2020 to January 2022 GENBA Montevideo, Uruguay
- Developed automation projects, from planning to commissioning, for some of the biggest factories in Uruguay.
- Used Autodesk Inventor for mechanical design and AutoCAD Electrical for electrical design.
- Programmed PLCs: Siemens, Panasonic, Allen-Bradley.
- Programmed robots: Universal Robots, Fanuc, KUKA, Epson, Mobile Industrial Robots.
- Integrated sensors/actuators using various communication protocols: Ethernet/IP, Modbus RTU, Profinet.

Engineer assistant (summer job)
From January 2019 to February 2019 HigieFarm Porto Alegre, Brazil
- Assisted the commercial manager, visiting potential clients and suppliers.