



# GRUSS Carlos

## Image and signal processing student

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🇺🇾 Uruguayan  
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### Languages

English  
Bilingual (C1)

French  
Fluent (B2)

Spanish  
Mother language

Portuguese  
Fluent (B1)

### Computer skills

Python, C, JavaScript.

### Interests

Clubs and Associations:

- 2024/25 Vice-president of the international student union (BDI) at Télécom Paris.
- 2023 Member of the English Theatre (THANG) troupe of Télécom Paris.

Sports:

- Played Rugby until U20s, winning the South American Championship with the national team in 2019 and going on to place 4th on the World Rugby Trophy that same year.
- Transitioned to Olympic Weightlifting in 2019, won the Uruguayan national championship in 2022 and currently compete for S.C. Neuilly in the French national league.

Maths and physics:

In 2017 I was finalist in the Uruguayan national physics olympics and winners of the "GEODIN" national geometry tournament with a team from my 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 and Signal Processing skills. I'm a hard worker by nature and I'm looking forward to participate in new and challenging projects.

### Education

- **Master's Degree in Engineering (Diplôme d'ingénieur)**  
From September 2023 to September 2025  
Institut Polytechnique de Paris - Télécom 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 Sevilla, 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 imparting robotics course using Arduino and micro:bit.
- **Automation engineering assistant**  
From December 2020 to January 2022 GENBA Montevideo, Uruguay
  - Development of automation projects from planning to commissioning for some of the biggest factories in Uruguay.
  - Mechanical design using Autodesk Inventor and electrical design using AutoCAD Electrical.
  - PLC programming: Siemens, Panasonic, Allen-Bradley.
  - Robot programming: Universal Robots, Fanuc, KUKA, Epson, Mobile Industrial Robots.
  - Integration of sensors/actuators using various communication protocols: Ethernet/IP, Modbus RTU, Profinet.
- **Summer job as engineer assistant**  
From January 2019 to February 2019 HigieFarm Porto Alegre, Brazil
  - Assistant to commercial manager, visiting potential clients and suppliers