



# GRUSS Carlos

## Future engineer

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🇺🇾 Uruguayan  
📍 Paris, France  
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### Languages

Spanish  
Mother language

English  
Bilingual (C1)

French  
Fluent (B1)  
› DELF : 92/100

### Computer skills

Python, C, JavaScript, ProLog.

### 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.

Engineering double diploma student at Télécom Paris, specializing in Signal Processing for AI and Image, seeking to expand my expertise in Mathematics, Image Processing and Machine Learning. Hard worker by nature and always passionate about learning new things!

### Education

- Master's degree in Engineering (Diplôme d'ingénieur)  
From September 2023 to December 2025  
Institut Polytechnique de Paris - Télécom Paris Palaiseau, France  
Double diploma specializing in the fields of Signal Processing for AI (TSIA) and Image (IMA).
- Bachelor's degree in Electrical Engineering  
From February 2019 to July 2023  
Universidad de la República Montevideo, MO, Uruguay
- 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
- Summer job as salesman  
From December 2018 to January 2019 Brindar Montevideo, Uruguay
  - Sales, deliveries and social media managing for beverage distribution company.