Bruno Pons Caregnani

Palaiseau, 91120, France
Email: bruno.pons@telecom-paris.fr | Phone: +33 6 02 49 95 97

PERSONAL STATEMENT

I am a dedicated and skilled embedded systems student with a profound passion for designing and optimising efficient systems. My professional goal is to seek an internship to continually advance my expertise in this area to contribute to cutting-edge technology development.

EDUCATION

Master of Science in Engineering (Diplôme d'ingénieur) (Sept. 2022 – Sept. 2024)
Télécom Paris, Institut Polytechnique de Paris, Université Paris-Saclay. *Double degree programme.*

- M1: Focus on embedded systems, signal processing and artificial intelligence.
- M2: Specialisation in embedded systems, reliability and security, real time systems, IoT.

Electrical Engineering (Feb. 2017 – Sept. 2022)
Facultad de Ingeniería, Universidad de la República.

- Analog and digital electronics as well as electric power systems.

EMPLOYMENT HISTORY

Cultivar Evaluation, National Agricultural Research Institute of Uruguay (Dec. 2017 – Mar. 2018)

- In charge of a stage at evaluating varieties of grain cultivars with a team under my supervision.

TECHNICAL SKILLS

Visual Studio Code | Git | LTSpice | Eagle PCB | C | C++ | Python | Rust | SystemVerilog | VHDL | Java
Linux | Windows | LaTeX | Microsoft Pack Office | Microsoft Excel VBA | GDB

ADDITIONAL EXPERIENCES

Participation at "The United Nations Model UN Youth". (Dec. 2016) Buenos Aires, Argentina.
Voluntary work in annual beach cleanup events. Colonia del Sacramento, Uruguay.

AWARDS

Scholarship "Master's degree abroad in strategic areas" (Sept. 2023 – Sept. 2024)

- National Research and Innovation Agency from Uruguay. Master's degree funding awarded for academic excellence.

LANGUAGES

Spanish: Native Language | **English**: C1 (196/230) , Cambridge Prof. (2017)
French: B2 (825/990), TFI (2023) | **Portuguese**: Basic knowledge

PROJECTS

Non-intrusive load monitoring and classification of devices in the electrical network. (2020)
Facultad de Ingeniería, Universidad de la República.

- Best classification performance 68,85% over 11 different electrodomestics.

Bare metal programming of a microcontroller for text showing in a LED display. (2022)
Télécom Paris.

Linkedin: www.linkedin.com/in/bruno-pons **Github**: https://github.com/bcaregnani