



Ferdinand Sellin

Engineering Degree
in Integration, Circuits and Embedded Systems
Polytechnic Institute of Paris and Telecom-SudParis

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GitHub
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SUMMARY

I am a French engineering student with a strong background in electronics design, PCB layout, IC design, FPGA development, and embedded systems. I am actively seeking an internship opportunity to apply my technical skills and expand my knowledge of cutting-edge technologies. My goal is to contribute to innovative projects in electronics engineering and gain valuable industry experience.

TECHNICAL SKILLS

- **Programming Languages:** C/C++, Python, VHDL, Verilog, Bash
- **Tools and Software:** LaTeX, Visual Studio, SOLIDWORKS, KiCAD, ALTIUM, Vivado, ADS, Cadence
- **Platforms:** ARM, AVR, RISC-V, Linux & Windows

SOFT SKILLS

- **Languages:** French: Fluent, English: C2, Italian: B2
- **Personality:** Strong emotional intelligence, Self-motivated, Proactive
- **Interests:** Tinkering, Outdoors sports

EDUCATION

- **Telecom SudParis (M2) EE / Telecom Paris (M2) ICS** 2022 - Ongoing

I am pursuing a double diploma at Télécom Sud Paris, focusing on Radio Systems and Electrical Engineering, while simultaneously enrolled in the Integrated Circuit Systems program at Télécom Paris.

- **CPGE Lycée Blaise Pascal** 2020 - 2022
CPGE MPSI/PSI Clermont Ferrand

- **Lycée Sévigné Saint Louis** 2006 - 2020
I obtained my high school diploma with honors. Issoire

EXPERIENCE

- **SEEIT** June 2024 - September 2024
R&D-Engineer Clermont-Ferrand
 - PCB Design for mass production
 - GUI in C++ with wxWidgets

- **President – Robotics Club INTech, Télécom SudParis** September 2023 - June 2024
President Evry-Courcouronnes
 - Supervised a team of 30 members in the development of robotics projects
 - Organized and delivered training on PCB design and robotics engineering
 - Secured sponsorship to support club activities and projects
 - Organized a robotics event attended by 300 participants

- **EuroFeedback** June 2023 - September 2023
R&D-Engineer Evry-Courcouronnes
 - I developed a prototype measurement device using Python, Raspberry Pi, and SolidWorks.

- **Val d'Allier County Pool** June 2021 - August 2021
Life Guard Vic-le-Compte

PROJECTS

- **Eurobot - French Robotics Cup** September 2022 - March 2024
INTech Github
 - Low level Programming
 - PCB design and Mechatronics

- **CamFitzpatrick** June 2023 - September 2023
Eurofeedback Github
 - Prototype measurement with the help of a macro camera.

- **USB-RelayBoardController** June 2023 - September 2023
SEEIT Github
 - PCB Design
 - C++ GUI Development
 - Low-Level Programming for CH32V003 RISC-V Microcontroller