

French student in computer science & microelectronics engineering

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PROFILE STATEMENT

As a rigorous and motivated engineering student from les Mines de St-Etienne, I am recognized for my ability to fit into a work team. I have taken part in a variety of projects such as building a model car capable of staying between 2 lasers beams independently, prototyping a sensor or creating a business plan for a new indoor connected warehouse. I am looking for a 6 months internship in a laboratory, where I could use my creativity and my technical skills.



EDUCATION

2019 – 2022 **ISMIN | Mines de St-Etienne (Campus Georges Charpak, Gardanne)**

Engineer specialising in **microelectronics & computer science**.

Majoring in **embedded systems**, specialization in **mobility and security**. Analogic electronics, digital electronics, microcontroller systems. System programming, signal processing, probabilities, graphs and optimization, cryptography, side-channel attack. Corporate vision & strategy, relationship development.

2017 – 2019 **Preparatory classes | Lycée Pothier (Orléans)**

MPSI – MP*. Two-year intensive preparation for the national competitive entrance exams to leading French engineering schools. Maths, physics, computer science. (120 ECTS credits)



WORK EXPERIENCE

MARCH-AUGUST 2021 **Side-Channel Attacks Intern | Qualcomm (Cork, Ireland)**

As an engineering intern at Qualcomm security lab in Cork, I implemented side-channel attack techniques in order to add feature to the lab in-house tools, and I led practical experimentations with continuous improvement on industrial devices.

AUGUST 2019 **Digger | Departmental Archaeology Service of Aveyron**

Excavation traineeship. I worked as a volunteer on a protohistoric excavation site from Iron Age.

2017-2020 SUMMERS **Summer jobs | John Deere. Limpa nettoyages (France)**

Working for Limpa, I cleaned a high school in compliance with health department regulations. Working for John Deere, I packed spare parts of tractor engines.

FEBRUARY 2014 **Trainee | CNRS (French national centre of scientific research)**

Observation placement. I visited laboratories of the CNRS campus in Orléans.



SKILLS

- Native French
- Fluent English
- Low-intermediate German
- **Coding skills:** embedded C, C++, VHDL, Python, SQL, deep learning, web development
- **Engineering software:** Design Vision, Vivado Design, ModelSim, STM32Cube, Git, Proteus 8



INTERESTS / PROJECTS

Trumpet, bass guitar and guitar player. I played an opera (Aïda from Verdi) in Orléans's Zénith. I am part of the French rock band 45Tours as a bass guitar player.

I am an active member of Students' Union at Mines St-Etienne. This society organizes major events on the campus.