Abderrahmen Lamloumi

First-year student at Grenoble INP - Ensimag

- ✉ lamloumiabderrahmen11@gmail.com
- 📞 0624142250
- 🔗 linkedin.com/in/abderrahmen-lamloumi-6282a9294
- 🔗 github.com/abderrahmenlamloumi
- 📍 Paris

🪪 PROFILE

Highly motivated and problem solver student, first year student Grenoble INP - Ensimag. Possesses a strong foundation in computer science and eager to contribute to innovative project, leveraging strong problem-solving skills and a commitment to continuous learning

🧠 SKILLS

Technical Skills

- **Programming Languages:** C/C++, Java, Python, SQL, VHDL, Bash, Shell, MATLAB, OCaml, Arduino, ARMv4 Assembly.
- **Web Development:** HTML, CSS, JavaScript
- **Tools:** Git, Visual Studio Code, RStudio, Scilab.
- Experience with machine learning concepts.
- Experience with Robotic Process Automation (RPA).

Soft Skills
- Strong communication and teamwork skills.
- Problem-solving.
- Adaptability.
- Rigorous.

🌐 LANGUAGES

French	● ● ● ● ●
English	● ● ● ● ○
German	● ● ○ ○ ○

🎓 EDUCATION

Computer Science & Information Systems
Grenoble INP-ENSIMAG ↗
2024 – present | Grenoble, France

First-year student in the **apprenticeship program** at Grenoble INP - Ensimag, a top-ranked French 'Grande École' specializing in Applied Mathematics and Informatics.

Preparatory Cycle & Bachelor's Degree in Computer Science and Applied Mathematics.
Polytech Grenoble (UGA) ↗
2022 – 2024 | Grenoble

Graduated in the **top 5%** of a class exceeding 120 students after completing a rigorous two-year integrated program combining Bachelor's degrees in Computer Science and Applied Mathematics.

French Baccalaureate: General Stream
2022
Achieved "Mention Bien" **(Very Good Honors)** with exceptional grades in Mathematics and Physics-Chemistry.

💼 PROFESSIONAL EXPERIENCE

Schneider Electric ↗
Junior Software and Data Model Engineer
2024 – 2025 | Grenoble, France
As a Junior Software and Data Model Engineer apprenticeship at Schneider Electric, gaining practical experience in developing internal tools within a model-based environment. I'm proficient in python/ruby and consistently applying my programming skills to fostere significant professional growth, with a strong focus on continuous learning and skill development.

Société Générale
RPA Developer Intern
2023
- Explored automation possibilities using **machine learning** and *robotic process automation*, resulting in a 60% reduction in processing time for certain tasks (e.g., international transfers).
- Demonstrated ability to quickly learn and apply new technologies in a professional setting.

📁 PROJECTS

Mini Compiler (Java)
Developed a Java-based compiler for a simplified programming language, demonstrating understanding of lexical analysis, parsing, and code generation.

RISC-V Processor Design (VHDL)
Implemented a RISC-V processor core in VHDL, demonstrating understanding of computer architecture and digital design principles.

Rainbow Table Attack (Java)
Implemented a Java application to demonstrate the principles of Rainbow Table attacks for password cracking, showcasing understanding of cryptographic hash functions and security vulnerabilities