

SAMI BENNANE

Engineering Student in Computer Science & Microelectronics

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Profile

Engineering student in computer science and microelectronics, with a strong interest in artificial intelligence, intelligent systems, and software development. Analytical, autonomous, and adaptable, with the ability to thrive in demanding technical environments. Currently seeking an engineering internship in a digital services company starting in April, for a duration of 4 to 5 months, in order to apply my technical skills within a dynamic professional environment.

Education

Master of Engineering in Computer Science & Microelectronics	2024 – 2027
<i>École des Mines de Saint-Étienne (GPA: 3.78; Rank: 9th/90)</i>	
Specialization in Artificial Intelligence and Computer Science	
Scientific Preparatory Classes (CPGE)	2022 – 2024
<i>Lycée Louis Pasteur, Neuilly-sur-Seine</i>	
French General Baccalaureate – Highest Honors	2019 – 2022
<i>Lycée Lucie Aubrac, Courbevoie</i>	

Professional Experience

IT Asset Manager – Informatique CDC (Contract)	July 2025
• Inventory, labeling, and tracking of network equipment (switches, Wi-Fi access points)	
• Updating asset information within the asset management platform	
• Logistical reorganization of IT equipment	
Volunteer – École Des XV (School Dropout Prevention Association)	Feb. 2025 – June 2025
• Academic support and personalized tutoring for students in difficulty	
• Facilitation of group workshops to foster self-confidence	
• Contribution to the organization of educational events	
Software Engineering Intern – Informatique CDC	Jan. 2025 – Feb. 2025
• Optimization of cloud data migration processes	
• Implementation of Agile and DevOps methodologies	
• Automation of integration pipelines	

Skills

Computer Science: Python, Machine Learning, C++, Networks, C, Shell Scripting, WSL, Linux, Ubuntu

Electronics: STM32, Arduino, CAN bus, SPI, I2C

Methodologies: Agile, DevOps, Git

Software Tools: VS Code, Jupyter Notebook, TensorFlow, STM32CubeIDE, PartQuest, COMSOL, KiCad

Languages

French	Native language
English	Advanced level – Cambridge B2 Certification (2022)
German	Intermediate level
Arabic	Intermediate level

Interests

- Artificial intelligence
- New technologies
- Football
- Literature