

# 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

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

## Professional Experience

<b>IT Asset Manager – Informatique CDC (Contract)</b>	<b>July 2025</b>
<ul style="list-style-type: none"><li>Inventory, labeling, and tracking of network equipment (switches, Wi-Fi access points)</li><li>Updating asset information within the asset management platform</li><li>Logistical reorganization of IT equipment</li></ul>	
<b>Volunteer – École Des XV (School Dropout Prevention Association)</b>	<b>Feb. 2025 – June 2025</b>
<ul style="list-style-type: none"><li>Academic support and personalized tutoring for students in difficulty</li><li>Facilitation of group workshops to foster self-confidence</li><li>Contribution to the organization of educational events</li></ul>	
<b>Software Engineering Intern – Informatique CDC</b>	<b>Jan. 2025 – Feb. 2025</b>
<ul style="list-style-type: none"><li>Optimization of cloud data migration processes</li><li>Implementation of Agile and DevOps methodologies</li><li>Automation of integration pipelines</li></ul>	

## Skills

<b>Computer Science:</b>	Python, Machine Learning, C++, Networks, C, Shell Scripting, WSL, Linux, Ubuntu
<b>Electronics:</b>	STM32, Arduino, CAN bus, SPI, I2C
<b>Methodologies:</b>	Agile, DevOps, Git
<b>Software Tools:</b>	VS Code, Jupyter Notebook, TensorFlow, STM32CubeIDE, PartQuest, COMSOL, KiCad

## Languages

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

## Interests

<ul style="list-style-type: none"><li>Artificial intelligence</li><li>New technologies</li><li>Football</li><li>Literature</li></ul>	
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