PERSONAL DETAILS

👤 Siradj Allali

📞 06 52 79 99 02

🏠 La fonton, Bouzareah, Algeirs

📅 27 January 2006

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in Siradj Allali

SKILLS

Core Programming
●●●●●
C/C++, Assembly, MATLAB

Foundational
●●●○○
Python, MicroPython, SQL

Hardware
●●●●○
Arduino, Oscilloscopes, Multimeters

Operating Systems
●●●●○
Linux (Arch), Shell Basics

LANGUAGES

Arabic ●●●●●
English ●●●●○
French ●●●○○

Siradj Allali

Embedded Systems Engineering Student

PROFILE

Third-year **Autonomous Embedded Systems Engineering Student** at NHSAST. Ranked **Top 32** in preparatory classes (2023-2025). Strong foundational skills in **C++ and hardware diagnostics**, with growing proficiency in Python and computer architecture. Arch Linux power user with a passion for building intelligent robotic systems.

EDUCATION

State Engineer in Autonomous Systems   2023 - 2028

National Higher School of Autonomous Systems Technologies (NHSAST), Algiers

NHSAST is an elite Algerian school located in the Sidi Abdellah Technology Hub, specializing in Robotics, Artificial Intelligence, and Embedded Systems. Admittance is restricted to top-ranking national candidates.

PROJECTS

Arduino Line Follower Robot

Designed and programmed with a robot a team using Arduino and infrared sensors.

Python-SQL Database GUI

Developed a graphical user interface in Python to interact with an SQL database.

CERTIFICATIONS & INTERESTS

- **Competitive Ranking:** Top 32 out of engineering preparatory students (2023-2025).
- **Computing:** Advanced OS configuration (Arch Linux).
- **Academic Focus:** Currently building a technical foundation in microprocessor architecture and electronic circuit design, with a focus on sensor interfacing, signal processing, and the fundamentals of embedded AI.