

Curriculum Vitae - Charles Henry

Name: Charles Henry
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Objective :

Dedicated and academically strong student seeking admission to EPFL to pursue a Master's degree in Electrical Engineering. Passionate about innovation, robotics, and embedded systems, with a strong background in physics and mathematics.

Education :

Bachelor's Degree: École Polytechnique, Paris | Bachelor in Electrical Engineering |
Expected 2025 Lycée Louis-le-Grand, Paris | French Baccalaureate | Mention Très Bien |
July 2021 Courses & Grades:

- Mathematics: 18.5/20
- Physics & Chemistry: 19/20
- Computer Science: 18/20
- English: 17/20
- French Literature: 18/20
- Philosophy: 16/20

Skills :

- Programming Languages: Python, C, JavaScript
- Embedded Systems: Arduino, Raspberry Pi
- Robotics: ROS, OpenCV, Sensor Integration Scientific
- Computing: MATLAB, Simulink
- Languages: French (Native), English (Fluent), German (Intermediate)

Extracurricular Activities:

- Designed and built robots winning 1st place in Île-de-France Robotics Challenge
- Mathematics Olympiad Participant: Semi-finals of the French Mathematics Olympiad
- Hackathon Participant: Competed in AI-driven energy optimization projects

Certifications & Achievements:

- French Baccalaureate with 'Mention Très Bien' (2025)
- Certified in Artificial Intelligence by Stanford Online (2024)
- Winner of Île-de-France Robotics Challenge (2024)