

Yannis Loumouamou

Robotics and AI Engineering Student



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21 years old



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Education

- 2025–2027 **Engineering Degree – Robotics and Interaction**, *IMT Atlantique, Nantes*
- 2024–2025 **Master 1 – Automation & Robotics**, *Université Clermont Auvergne, Clermont-Ferrand*
- 2022–2024 **Bachelor's in Mechatronics**, *Université Clermont Auvergne, Clermont-Ferrand*
- 2021–2022 **Preparatory Classes for Engineering Schools – MPSI**, *Lycée Blaise Pascal, Clermont-Ferrand*

Professional Experience & Projects

- 2025 **Wavestone Wave Game Challenge**, Wavestone
Selected participant for Wavestone's innovation and consulting challenge. Solving real-world business and technology case studies in a competitive environment. Development of creative solutions under time constraints.
- Apr–Aug 2025 **Intern in Deep Learning and Computer Vision**, *Institut Pascal, Aubière*
Adaptation of YOLOv8 for object detection on road scenes (multimodal images: RGB and SWIR). Research internship supervised by Dr. Mathieu Labussière.
- Sept–Jan 2025 **Indoor localization project**, *IMT Atlantique, Nantes*
Development of a vision-based localization device for IRT B<>COM.
- Oct–Dec 2024 **LIMO robot control project via ROS2**, *Université Clermont Auvergne*
Control of a LIMO robot with a video game controller joystick via ROS2.
- Feb–May 2023 **Mini autonomous car project**, *Bachelor's in Mechatronics, Clermont-Ferrand*
Design of an autonomous car with parking assistance (Arduino).
- Jul–Oct 2024 **Multi-skilled employee**, *McDonald's France, Gerzat*

Invovlement & Leadership

- Since Oct 2025 **Deputy Treasurer**, *AFNEUS (National Federation of University Science Students)*
Budget management, accounting oversight, organization of national events.
- Apr 2025 **Student Representative**, *Université Clermont Auvergne*
Student representation at the University Council of Physics.
- Oct 2023–2024 **General Secretary**, *RobotiClermont (Robotics Club)*
Administrative management, robot design, participation in competitions.

Languages & Interests

Languages: French (native), English (B2), Spanish (A2)

Interests: Geopolitics, robotics, football, cycling