

Hugo Tenthorey

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Summary

Final-year engineering student at ENSTA – *Institut Polytechnique de Paris*, specializing in Observation Systems and Artificial Intelligence. I have developed strong problem-solving skills through academic projects, hands-on experience, and a deep intellectual curiosity. I thrive in collaborative team environments and consistently deliver work on time. My communication skills have been strengthened by international experiences — including expatriation and language immersion — which have helped me grow more confident and assertive in multicultural settings.

Education

ENSTA - Polytechnic Institute of Paris , MSc in Engineering	2023 – 2026
<ul style="list-style-type: none">Specializing in Observation Systems and Artificial Intelligence - 3.2 GPACoursework: Machine Learning, Computer Vision, Computational Theory	
Heriot-Watt Dubai , MSc in Artificial Intelligence - <i>Exchange semester</i>	Fall 2025
<ul style="list-style-type: none">Coursework: Biologically Inspired Computation, Data Mining, Intelligent Agents and NLP	
Lycée Thiers , Preparatory classes - Marseille, France	2021 – 2023
<ul style="list-style-type: none">Two-year intensive undergraduate preparation courses for the entrance exams to top French Engineering schoolsCoursework: Advanced Mathematics, Physics, Computer Science	
French Lycée Lyautey - Casablanca, Morocco	2021 – 2023
<ul style="list-style-type: none">Completed my final year of high school earning a French Baccalaureate in Science with highest honorThis experience provided a solid scientific foundation and enriched me with valuable intercultural insights	

Experience

AI Engineering Intern , Cleverlytics – UM6P, Morocco	May 2025 – Aug 2025
<ul style="list-style-type: none">Developed a real-time perception system by fusing LiDAR and camera data for object detection on autonomous mining vehicles, leveraging deep learning and computer vision techniquesFine-tuned and integrated multiple detection models into a modular pipeline for real-time deployment in unstructured environmentsDesigned algorithms to compute transported volume on moving targets, enabling accurate dynamic measurement for the mining industry	
Embedded Systems Intern , RATP Dev - France	Jan 2024 – Feb 2024
<ul style="list-style-type: none">Assisted the head of maintenance for embedded systems in Brest's public transport networkMy responsibilities included maintaining operational support systems, working on electronic circuits, and troubleshooting network issues	
Website Developer , AGILI.T	Jan 2018 – Jan 2020
<ul style="list-style-type: none">Developed the company website and managed IT and computer systems	

Skills/Technologies

Languages: Python, C, Ocaml, SQL, Matlab
Technologies: PyTorch, CUDA, ROS, Git

Languages

French: Native
English: Full professional proficiency

Leadership

- Vice President, Junior Enterprise Impact (ENSTA)** – Supported student consulting missions and managed external relations
- Member, LYCIA Association** – Designed accessible AI workshops for high school students across France

Interests

International Culture and Travel
Sports and Padel Tennis
Community volunteering