

KENZA HARTI

ENGINEERING STUDENT AT ENSEEIHT, 2½-MONTH INTERNSHIP BETWEEN JUNE-SEPT 2026

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ENSEEIHT Engineering Student passionate about Software Development, Robotics, and AI, with solid skills in Python, Java, and C. Trained in Functional Programming, Object-Oriented Programming (OOP), and Agile Project Management. Open to national and international mobility.



EDUCATION

- Master of Science in Engineering, Digital Sciences - Software Engineering, ENSEEIHT, Toulouse, France** 2024 - 2027
- Summer School, AI & Robotics, 华中科技大学 (HUST), Wuhan, China** JUNE 2025 - JULY 2025
- Acquired specific knowledge in Computer Vision & Intelligent Control Systems (international context 100% English).
- Intensive Preparatory Classes for Engineering Schools, Mathematics-Physics-Computer Science*, Lycée du Parc, Lyon, France** 2022 - 2024
- Lycée Descartes (High School), Baccalauréat with Highest Honors Rabat, Morocco** 2018 - 2022
- Completed International High School Option in Arabic and Specialized Advanced Mathematics
 - Specialized in Mathematics, Digital Sciences and Computer Science, Physics and Chemistry

EXPERIENCE & TECHNICAL PROJECTS

- Project - Java Graphical Application/Game | Java, Software Engineering, OOP** JAN 2025 - MAY 2025
- Developed a complex application in Java, strictly applying Object-Oriented Programming (OOP) principles.
 - Collaborated on a long-term project involving system Integration and Agile Methodologies (Project Management).
- Project - Ultimate Tic Tac Toe | Python, Algorithms** SEPT 2023 - MAY 2024
- Developed an AI engine in Python
 - Implemented and Evaluated MinMax, AlphaBeta, and MCTS algorithms for strategic optimization and for performance.
- Project - SpaceInvaders | Python, OOP** 2022
- Developed a clone of the Space Invaders game in Python, utilizing OOP for entity modeling and collision management.
- Project - Web Development | HTML/CSS, GitHub** SEPT 2024 - AUJOURD'HUI
- Designed and Developed a responsive ePortfolio, demonstrating proficiency in HTML/CSS and version control GitHub.

SKILLS

LANGUAGES	French (Native), Arabic (Native), English (Professional Working Proficiency), Spanish (Basic Proficiency)
LANGAGES	Python, Java, C, OCaml, MATLAB, Ada, SQL, HTML, CSS
MÉTHODES & TOOLS	Functional Programming, Agile Methodologies, OOP, Trello, Git, GitHub, Markdown Documentation
DOMAINES	Artificial Intelligence (AI), Algorithms (MCTS, MinMax, AlphaBeta), Robotics, Control Systems

ENGAGEMENTS & LEADERSHIP

- President (Welcome7) & Head of Inclusion (AEn7), ENSEEIHT, Toulouse** 2025-2026
- Directed and Coordinated the integration of 100+ international students.
 - Managed the budget and Led a team of volunteers, developing critical organizational and financial skills.
- MUNs (Model United Nations) - Simulation of UN debates**
- Conducted diplomatic negotiations in English and Defended a position through in-depth Research, Analysis, and Public Speaking in front of an international audience.
 - NebrijaMUN, Universidad Nebrija, Madrid, Spain APRIL 2025
 - DESMNU, Lycée Descartes, Rabat, Morocco JUNE 2020
- Awards & Distinctions**
- Achieved **Finalist Prologin** - French National Computer Programming Contest 2022 & 2023
 - Awarded **Bronze Medal** - National Mathematics Olympiad JAN 2021
 - Trained to **Tae Kwon Do Black Belt** - Practicing since age 8 - Discipline & Perseverance 2021
- Technical Involvement**
- net7** (Info-ENSEEIHT): Animated an "Install Party" (Open-source Software Installation Workshop) at the Capitole du Libre (Open-source Software Event) 2024 - TODAY
 - TVn7** (Videos-ENSEEIHT): Performed Filming, Directing & Editing for various events. 2025 - TODAY
 - Robotics Club** (High School, 4 years): Secured a Prize at the AEFE-Morocco 2019 Contest 2018-2022
- Civic Engagement**
- Présidente Communication & Création de Contenu**, Sahm club (feminism), High School 2021 - 2022
 - Managed digital strategy, producing 35+ posts (IG: @sahm.club).
 - Supervised the team and Negotiated key partnerships.
 - Promoted STEM careers to women (Mentoring & Workshops) through *Pour elles*, Lycée Descartes FEB 2022
 - Class Representative, Lycée du Parc and ENSEEIHT 2023 - 2025
 - Improvisation Club, Lycée du Parc 2023 - 2024