

# 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

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

<b>Project - Java Graphical Application/Game   Java, Software Engineering, OOP</b>	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).	
<b>Project - Ultimate Tic Tac Toe   Python, Algorithms</b>	SEPT 2023 - MAY 2024
• Developed an AI engine in Python	
• Implemented and Evaluated MinMax, AlphaBeta, and MCTS algorithms for strategic optimization and for performance.	
<b>Project - SpaceInvaders   Python, OOP</b>	2022
• Developed a clone of the Space Invaders game in Python, utilizing OOP for entity modeling and collision management.	
<b>Project - Web Development   HTML/CSS, GitHub</b>	SEPT 2024 - AUJOURD'HUI
• Designed and Developed a responsive ePortfolio, demonstrating proficiency in HTML/CSS and version control GitHub.	

## SKILLS

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

## ENGAGEMENTS & LEADERSHIP

<b>President (Welcome7) &amp; Head of Inclusion (AEn7), ENSEEIHT, Toulouse</b>	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.	
<b>MUNs (Model United Nations) - Simulation of UN debates</b>	
• 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
<b>Awards &amp; Distinctions</b>	
• 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
<b>Technical Involvement</b>	
• <b>net7</b> (Info-ENSEEIHT): Animated an "Install Party" (Open-source Software Installation Workshop) at the Capitole du Libre (Open-source Software Event)	2024 - TODAY
• <b>TVn7</b> (Videos-ENSEEIHT): Performed Filming, Directing & Editing for various events.	2025 - TODAY
• <b>Robotics Club</b> (High School, 4 years): Secured a Prize at the AEFE-Morocco 2019 Contest	2018-2022
<b>Civic Engagement</b>	
• <b>Présidente Communication &amp; Création de Contenu</b> , 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