Yassine IDRISSI

Artificial Intelligence and Robotics

CONTACT

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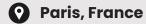📞 +33–6 95 81 17 47

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in @yassine idrissi

PROFILE

Master's student in Artificial Intelligence and Robotics , seeking a final-year internship to contribute to innovative projects in programming, automation, and AI.

ACADEMIC BACKGROUND

ENSEA (M2)
2024 - present

Master's in Artificial Intelligence and Robotics

1337 MED (42 Network)
2022 - 2024

Digital Technology Architect Training

42 Abu Dhabi (42 Network)
2021 - 2022

Advanced C Programming Training

Arts et Métiers-Meknes
2016 - 2021

Engineer in Industrial Thermal Engineering and Renewable Energy

High School Hasane-2-Tinejdad
2015 - 2016

Baccalaureate in Mathematics-A

AI PROJECTS

- Design and simulation of a thermal engine heat exchanger

- Deep Learning Prediction: Development of a script using TensorFlow to estimate values from complex datasets.

- Autonomous Vehicle: Detection and path tracking using computer vision (OpenCV, Python).

- LLM Model Optimization: Implementation of a LangChain RAG system based on ChromaDB to optimize language models.

- Automatic Defender Development: Creation of an automatic defender for a ping-pong game (ft_transcendence), integrating artificial intelligence algorithms.

SKILLS

- Artificial Intelligence: Image processing (OpenCV, PIL), Machine Learning (TensorFlow, Keras, Scikit-learn), Deep Learning (PyTorch).

- Programming: Python (Advanced), C/C++ (Expert), MATLAB (Expert), Flutter (Intermediate), JavaScript (Intermediate).

- Frameworks: TensorFlow, PyTorch, ROS, Flask, Django.

- Tools: Git, GitHub, PyCharm, Visual Studio Code, SolidWorks.

- Graphic Design: Photoshop, Illustrator, Canva.

- Thermal and Renewable Energy: Photovoltaic systems, thermodynamics, heat transfer, design of energy solutions.

- Mechanics: Fluid mechanics, hydraulics, aerodynamics, aeraulics, solid mechanics.

- Electromechanics: Electronics, automation, industrial regulation, industrial computing.

PROFESSIONAL EXPERIENCE

study Engineer - SHERPA ENGINEERING
March 2022 – July 2024
Automotive (MBD/MIL) | Developer of Automation Scripts

- Development and simulation of advanced models using MATLAB

- Design of automated tools, reducing production time by 20%

- Validation of complex systems in MBD/MIL environments for the automotive industry.

Final Year Project - LafargeHolcim Meknes
March 2021 – July 2021

- Development of a predictive model based on deep learning

- Development of a bot to send SMS alerts and make calls in case of system failures

Technical Internship - GIE Ghriss Frekla Amagha
July 2020 – August 2020

- Study and design of an autonomous solar system for agricultural irrigation

- Programming of the electronic board for solar pumping

DEVELOPMENT PROJECTS

- Sender: Python script automating the sending of SMS and emails to improve notifications.

- ft_transcendence: Full-stack web application for real-time pong tournaments, developed using Ruby on Rails, Backbone.js, and PostgreSQL.

- AutoDocBuilder: Interactive dashboard in Matlab to automate document management.

- Web Portfolio: Personal interactive website in HTML, CSS, and JavaScript showcasing projects and skills.

- Drawme: Mobile application developed with Flutter and Dart, demonstrating expertise in cross-platform development.

- 42 Projects: More than 16 projects in C, C++, and JavaScript completed at École 42, implementing advanced algorithms and optimized software solutions.

LANGUAGES

Language	
English (Fluent)	
French (Fluent)	
Arabic (Native)	
Amazigh (Bilingual)	

PROGRAMMING LANGUAGES

CSS, HTML, C++, C, Python, JS

FRAMEWORKS

ADDITIONAL INFORMATION

Driver's License: B

Mobile throughout France

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🔗 Elements are linked, click to see more details

En Click here to access the French version of the CV