

TAHIRI EL ALAOUI YOUNESS

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EDUCATION

CPE LYON Master's Degree (IT and Electronics) Major: Big Data and Software Developement	Villeurbanne , France 2022 - 2026 (expected)
Moulay Youssef Preparatory Classes Mathematics and Physics degree and preparation to enter engineering schools	Rabat , Morocco 2019 - 2022

EXPERIENCE

BMW Group <i>Software Engineer Intern</i>	Munich , Germany Sept. 2024 - Now
<ul style="list-style-type: none">Developed and maintained internal BMW programs for ECU programming tests and analysis in Python. Implemented new features, and enhanced the testing setup for better performance.Operated and maintained prototype testbenches, assisting in testing development software on prototype hardware, analyzing bugs, and refining features for improved functionality.	
Synergie CPE Lyon <i>Fullstack Developer</i>	Lyon , France Jul. 2024 - Sep. 2024
<ul style="list-style-type: none">Led the development and design of Elements-Terre.org, a project involving Sorbonne Paris, INSA Lyon, Centrale Lyon, and CPE Lyon, providing a shared educational resource utilized by professors and students across these universities.	
ALT MEDICAL <i>Software Engineer Intern</i>	Casablanca , Morocco Jul. 2022 - Sep. 2022
<ul style="list-style-type: none">Provided technical support using Python scripts for quick issue resolution and task automation and utilized SQL queries to analyze data from support databases.Acted as a bridge between technical complexities and end-user understanding, crafting clear communications to convey complex information effectively.	

PROJECTS

Car detection for autonomous driving using Python, Tensorflow, Jupyter Notebook -Implemented YOLO v2 algorithm for real-time car detection in videos and images, enhancing computer vision for autonomous driving systems during a machine learning certificate course.
Apiculture "Game Of Life" simulation using Object Oriented Programming in Java -Created a model replicating the nuanced dynamics of the bee world, showcasing advanced proficiency in Java and a deep understanding of object-oriented programming concepts.
Space invaders game using Python, Tkinter -Recreated the classic arcade game Space Invaders in close collaboration with two partners, with a strong emphasis on teamwork and proficient coding skills.

CERTIFICATIONS AND AWARDS

Neural Networks and Deep learning Certificate Link : https://coursera.org/share/acc04c19525dba82a2f2506cfd6b3709	DeepLearning.AI 2023
Convolutional Neural Networks Certificate Link : https://coursera.org/share/110d121dab072c5963d6f569cc33c54a	DeepLearning.AI 2023
Sequence Models Certificate Link : https://coursera.org/share/149d4e163fc2cddbfbf8175dd86b8ecb6	DeepLearning.AI 2024
Ranked 5th in National Olympiads in Informatics	Moroccan Ministry of Higher Education 2017

SKILLS

Development:	Python, C/C++, Java, Assembly, JavaScript, HTML, CSS, Flask, React JS
Machine learning :	Tensorflow/Keras, Pytorch, Numpy, Pandas, Prompt Engineering
Tools:	GIT, GitHub, Jira, Vs Code, Eclipse, Bash, Matplotlib, Unit Testing, SQL ,AWS Console (Lambda, EC2, RDS PostgreSQL, S3, IAM, Security Groups)
Spoken languages:	English (Fluent), French (Fluent), Arabic (Fluent), German (Beginner)
Hobbies:	Chess, Guitar, Horse riding, Football