Ayman YOUSS

Computer Science Student

Computer Science Student with a fervent passion for artificial intelligence, eager to learn more and actively engage to software engineering projects to further my journey towards becoming a proficient engineer.

✉ AYMAN.YOUSS@um6p.ma

📅 20 years old

📞 0697-745310

Languages

Arabic

English

French

Skills

Web development
Html, CSS, JavaScript, Node.js, React.js, Express.js, PHP, Bootstrap

Data Science and Artificial Intelligence
Python, TensorFlow, Keras, Sklearn, Pandas, Numpy, Seaborn, Matplotlib

Desktop Graphical Interface
Java, JavaFX

Assets

Leadership, Problem-solving, Communication, Adaptability, Time Management, Teamwork

Social networks

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Education

09/2021 — Polytechnic University of Mohammed VI
Ben Guerir, Morocco

Computer Science and Communication Systems Diploma

- **Multiplayer Chess Desktop Application**. A fully functional chess game featuring multiple gameplay modes using Java/JavaFX for the graphical UI and backend of the game.
- **Persistent key-value store.** Implemented a key-value Database using Go and LSM tree model. Developed a crash recovery system by adding a write ahead log as well as a memory Database.
- **TSP Optimization using Reinforcement Learning .** Implemented a reinforcement learning model to tackle the traveling salesman problem for a transportation firm based in Denmark. Used Folium (Python) to create interactive visualizations and map out the optimal routes.

08/2022 - 09/2022 — Oxford University
Oxford, England, United Kingdom

Certificate
Artificial Intelligence Course

Work experience

04/2023 - 06/2023 — OCP Group
Ben Guerir

Developer

- Developed a robust and user-friendly web application for OCP's Business Unit using Html, CSS, JavaScript, Bootstrap, PHP and MySQL.
- Increased the unit's effectiveness by a remarkable 50% by transitioning from traditional Excel-based methods to a user-friendly application.

Extracurriculars

07/2023 — Competitive Programming
Muscat, Oman

Gulf International Programming contest

- Selected as a top finalist to represent Morocco, awarded silver medal for the second in the competition.

11/2021 - 01/2023 — Cyborgs Robotics Club
Ben Guerir

Robots Design and Implementation

- Awarded 4th prize at the National Robotics Competition for developing a specialized mining and transport rover using Arduino and C++.