ALOUANI HATIM

AI and Software Engineering student at 1337 Coding School | 42 Network, passionate about building scalable systems and intelligent solutions, with a strong focus on Machine Learning, Deep Learning, NLP, and Big Data, complemented by hands-on web development knowledge.

EDUCATION

- Common Core - 1337 Coding School Khouribga (2023–Present)
  - Software Engineering student with focus on system programming, algorithms, and full-stack development.
- Licence d'Excellence en Systèmes d'Information et Intelligence Artificielle - Faculté Polydisciplinaire Khouribga (2024–2025)
  - Specialization: Computer Science, Artificial Intelligence, Big Data, and Advanced Data Analytics.
- Diplôme d'Etudes Universitaires Scientifiques et Techniques (DEUST) - FST Beni Melall (2021–2024)
  - Major in Mathematics, Computer Science & Physics.
- Baccalauréat en Sciences Physiques - Allal Ben Abdellah Nouaceur (2020–2021)

TECHNICAL SKILLS

- Programming & Scripting : C, C++, Python, Shell Scripting, SQL, JavaScript/TypeScript
- Machine Learning : Scikit-learn, Pandas, Matplotlib
- Deep Learning : TensorFlow
- NLP : SpaCy, NLTK
- Big Data : Spark, Hadoop
- Databases: MySQL, PostgreSQL, MariaDB, SQLite, Cassandra
- Web Development: WordPress, React, HTML/CSS, Nginx
- DevOps : Git, Docker, Grafana, Prometheus

CERTIFICATES

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate (2025).

EDUCATIONAL PROJECTS

- **Minishell :** Built a Unix-like shell in C for process control and command execution.
- **Inception :** Designed and deployed a secure and scalable web infrastructure using Docker, with NGINX as the web server, WordPress for content management, and MariaDB for the database.
- **Product Recommendation Engine :** Built an Amazon-like recommendation system combining TensorFlow, PostgreSQL, web scraping, and fully containerized with Docker.
- **Internet Relay Chat System:** Developed a real-time chat application in C++ inspired by IRC, supporting multiple users, channels, and message broadcasting.

ADDITIONAL INFORMATION

- **Languages:** Arabic (native), French (fluent), English (fluent)
- **Age :** 22
- **Mobile :** +212615359651
- **E-mail :** alouanihatim01@gmail.com
- **Adresse :** NOUACEUR CASABLANCA MOROCCO
- **Github** : @hatim-alouani

Portfolio