



# HATIM ALOUANI

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 - FP 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, JavaScript/TypeScript
- Web Development: React.js, Next.js, Node.js, Flask, Tailwind CSS, HTML/CSS, WordPress, Nginx
- DevOps : Git, Docker, Grafana, Prometheus
- Big Data : Spark, Hadoop, Kafka, PowerBi
- Databases: MySQL, PostgreSQL, MariaDB, SQLite, Cassandra
- Machine Learning : Scikit-learn, Pandas, Matplotlib
- Deep Learning : TensorFlow
- NLP : SpaCy, NLTK

## CERTIFICATES

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Rosetta Stone English Certificate (B2) & French (B2) - 2025

## EXPERIENCE

- Freelance Web Developer — Remote
  - Designed and developed a full e-commerce website for a client using WordPress

## EDUCATIONAL PROJECTS

- **Product Recommendation Engine:** Created a recommendation system similar to Amazon, combining TensorFlow, PostgreSQL, and web scraping, fully containerized with Docker.
- **Courses Recommendation System:** Implemented a personalized course recommendation system using Big Data tools, Hadoop, PySpark with the ALS algorithm, Cassandra, and Python for large-scale data processing.
- **Inception:** Designed and deployed a secure and scalable web infrastructure with Docker, using NGINX as the web server, WordPress for content management, and MariaDB as the database.
- **Internet Relay Chat System:** Developed a real-time C++ chat application supporting multiple users, channels, and message broadcasting.
- **Minishell:** Built a Unix-like shell in C for process management and command execution.

## ADDITIONAL INFORMATION

- **Languages:** Arabic (native), English (fluent), French (fluent)
- **Age :** 21
- **Mobile :** +212615359651
- **E-mail :** alouanihatim01@gmail.com
- **Adresse :** NOUACEUR CASABLANCA MOROCCO
- **Github :** @hatim-alouani

**Portfolio**

