



GRAOUI ABDERRAHMANE

DATA SCIENTIST

PROFILE

Master's student in Data Science and Intelligent Systems at the Faculty of Sciences and Technology of Fez.

I am interested in computer vision, cybersecurity, computer and system architectures.

EDUCATION

- Master's in Science and Technology — Data Science and Intelligent Systems** Ongoing
SIDI MOHAMED BEN ABDELLAH UNIVERSITY
- Bachelor's Degree in Mathematical and Computer Sciences** 2025
CADI AYYAD UNIVERSITY
- DEUG in Mathematical and Computer Sciences** 2024
CADI AYYAD UNIVERSITY

PROFESSIONAL EXPERIENCE

- Frontend Developer** July 2024 to September 2024
ToumAI
Developed a responsive audio-text AI assistant interface with a customized spectrogram implementation reactive to either user or AI agent audio sources using React Hooks and TailwindCSS.

COMPETITIONS

- Participant - HUAWEI ICT Competition Cloud Track 2024-2025** 2025
Topics included: HCIA A.I, Big Data, IoT, Cloud, Storage
- 3rd place winner in Data Mining with Python Competition** 2025
Joint workshop event between Sidi Mohamed Ben Abdellah University in Fez, Laboratory Intelligent Systems and Applications (LSIA) and University of Limerick in Ireland, overseen by Pr. Nikola S. Nikolov.
Used EDA and data processing to build an optimized KNN model on a bank dataset for fraud detection.

ACADEMIC & PERSONAL PROJETS

- DEPTH BASED 3D HUMAN ACTION RECOGNITION USING KINECTV1** 2026
Developed real-time action recognition with a Kinect V1 depth sensor and the tools to scale, using libfreenect drivers and OpenNI2/NITE2 for skeletal tracking, and SVM/Random Forest Classifiers trained with an augmented KARD dataset for inference.
- Bachelor's Graduation Project : HadoopxKerberos** 2025
Design and implementation of a secure, encrypted, multi-region, multi-node Hadoop ecosystem with end-to-end security using MIT Kerberos, OpenLDAP, SSH, and SSL/TLS.
- OCI server management** 2023 -
Managed an Ubuntu VPS on Oracle Cloud Infrastructure hosting multiple internet-accessible services, including:
 - Nextcloud file hosting platform
 - WireGuard point-to-site and site-to-site VPNs
 - Academic project deploymentsInfrastructure used Docker containers for services and LinuxServer's SWAG (NGINX) for reverse proxying

CONTACT

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- Morocco
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- github.com/mergr
- mergr.dev

SKILLSET

TECHNICAL

- Web Technologies
- Object Oriented Principles
- Computer Architectures
- Software Architectures
- DevOps
- Linux
- Databases
- Artificial Intelligence
- Docker

INNERMETRIX PROFILE

- Empathetic Team Player
- Passionate Lifelong Learner
- Methodical & Detail-Oriented
- Pragmatic Problem Solver

LANGUAGES

- Arabic — Native
- French — C1
- English — C2
- German — A2