

Ahmed Amine Belaroussia

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「 Data Scientist // Cybersecurity enthusiast »



Professional Experience

AI Engineering Intern SEKERA Services

01/07/2024 - 03/09/2024
Casablanca

- Automating compliance audits using AI + RAG
- Controlling the output of generative models
- Extracting security rules from policy documents
- Conducting automated compliance tests on a target machine for each extracted rule
- User-friendly interface
- Generating easily manipulable results in Excel format

Python NLP Generative AI RAG Docker Cybersecurity Streamlit

Data Engineering Intern Ingecys IT

03/07/2023 - 20/08/2023
Hay Riad, Rabat

- Designing and creating a medication database using web scraping
- Integrating machine learning into the ELT process to group medications
- Automating the ELT process

ELT NodeJS SQL Oracle Linux Cron Machine Learning NLP

Education

Engineering in Data Science and IoT ENSIAS, Rabat

2022-2025

- Software Engineering | Data Science | Data Engineering | IoT | Cybersecurity | Project Management

Projects

Smart Traffic Monitoring ENSIAS

2024

- Traffic monitoring using IoT sensors
- Data collection and analysis
- Analyzing road load using computer vision (YOLO)
- Implementing a dashboard and mobile application for end-users

Firebase Python Power BI Java (Android) Computer Vision

MCSC v11 INSEC ENSIAS

2024

- Designing and implementing the infrastructure for the CTF event
- Maintaining the infrastructure during the event
- Creating CTF challenges

C# Python JavaScript Docker Terraform AWS Cybersecurity

Skills

Data Science Pandas | Scikit Learn | Matplotlib | spaCy
Deep Learning PyTorch | TensorFlow | Keras | Hugging Face
Generative AI RAG | Langchain | Langgraph | ollama | Streamlit
Cloud & DevOps AWS | Git | Docker | Kubernetes | Terraform | Nix
Networking Cisco | Packet Tracer | GNS
Cybersecurity Pentesting | AppSec | Cryptography
Programming Languages Java (JEE, Spring) | Python | Node.js | SQL
English | French | Arabic