

Aziz Amari

Software Engineering | Machine Learning

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Experience

Ubotica Technologies part-time

Oct 2023 - Now

Embedded Machine Learning Engineer Intern

- Benchmarking and optimising deep learning models on different single computer boards.
- Efficient inference with low computation
- Technologies: Python, PyTorch, ONNX, Rockchip, RKNN, Computer Vision

Gaibian part-time

Sept 2023 - Now

Freelance Artificial Intelligence Consultant

- Building an Evaluation Framework for LLM based Chatbot systems.
- Improving the RAG, retrieval augmentation generation, pipeline according to the evaluation
- Technologies: Python, LangChain, OpenAI, Pinecone, NLP and LLMs.

LegalPlace full-time

3 months Jun 2023 - Aug 2023

Artificial Intelligence Intern

- Delivered an End-to-End AI-powered content creation system.
- Multi-modal workflow with significant time and cost savings using the latest models.
- Technologies: Python, LangChain, TensorFlow, Streamlit, NLP and LLMs.

PCP Consulting part-time

3 months Jun 2023 - Aug 2023

Big Data Intern

- Complete Big Data pipeline to handle Yelp data.
- Data analysis, Topic Modeling, and a Dashboard for visualizations.
- Technologies: Python, PySpark, MongoDB, NLP, Tableau, and Azure.

Hackup part-time

2 months Aug 2021 - Sept 2021

Intern Backend Developer

- Helped develop the Backend services and API's used by HackUp for their developer recruiting platform.
- Created all admin functionalities and a chat system
- Technologies: Node.js, express, postgresSQL, Socket.io and Postman.

Education

Carthage University - INSAT

Tunisia, Tunis Sept 2022 - Now

Undergraduate Software Engineering Student

Skills

- Python, TensorFlow, Scikit-Learn, LangChain, PySpark, Tableau, Numpy, Matplotlib, Pandas
- JavaScript, C, C#, Node.js, Express.js, React, Git, PostgreSQL, MongoDB, CI/CD, Docker, FastAPI
- Machine Learning, Data Analysis, Algorithms and Data Structures

Competitions

- 3rd place in ML competition by Venari Security and IEEE Ensi SB: Operating system and browser identification in TLS traffic
- 2nd place in Space Technology Hackathon by TUNSA and The American Corner Tunisia
- Winning team in AVER Hackathon: Augmented Reality project