Aziz Amari

Machine Learning | Software Engineering

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Looking for new opportunities

Experience

LegalPlace full-time   *3 months*   *June 2023 - August 2023*
Artificial Intelligence Intern
- Delivered an End-to-End AI-powered content creation system.
- Multi-modal workflow with significant time and cost savings using state of the art models.
- Technologies: Python, LangChain, TensorFlow, React, NLP and LLMs.

PCP Consulting part-time   *3 months*   *June 2023 - August 2023*
Data Engineering Intern
- Big Data pipeline to handle text data.
- Data analysis and processing using Apache Spark and TensorFlow.
- Technologies: Python, PySpark, MongoDb, NLP, TensorFlow, React, and AWS.

Hackup part-time   *2 months*   *Aug 2021 - Sept 2021*
Intern Backend Developer
- I helped develop the Backend services and API's used by HackUp for their developer recruiting platform.
- Technologies: Node.js, express, postgreSQL, Socket.io and Postman.

Skills

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

Projects

Handwritten Electrical Schema Recognition - Full Case Study
- Built model capable of fully understanding a handwritten electrical schema, including connections between components.
- Achieved around 90% confidence in Object Detection.
- Full ML project cycle, from handwriting the dataset to creating a docker image for the API.
- Technologies: Python, OpenCV, Yolov5, PyTorch, FastAPI, Albumentations, LabelImg

Tunisian Stock Market - Notebook Link - Dataset Link
- I web scraped time series data from 2010-2022.
- In depth data analysis and stock perfromance prediction using LSTM.
- Technologies: Python, TensorFlow, Pandas, Seaborn, Scrapy.

View All Projects

Competitions

- **3rd** place in ML competition by **Venari Security** and **IEEE Ensi SB:** Operating system and browser identification in TLS traffic
- Winning team in AVER Hackathon: Augmented Reality project