Aicha Ben Messaoud

Data Science Engineering Student | Seeking end of study Internship

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in Aicha Ben Messaoud

EDUCATION

Computer Science Engineering Student, *Esprit school of engineering* — 2021 – present

Preparatory Cycle, *Preparatory Institute for engineering Tunis* — 2019 – 2021

Bachelor's Degree - Experimental Sciences, *Ali Douaji Saada High School* — 2018 – 2019

PROFESSIONAL EXPERIENCE

Engineering Internship, *Esprit Tech* — 2023 Jul – 2023 Sep
Developed a web application for comprehensive recruitment management, enhanced with a recommendation system suggesting LinkedIn profiles for each position and opportunities to candidates.
Keywords: Scraping, Machine Learning, Django, ReactJS, MongoDB

Engineering Internship, *Greentech.training* — 2023 Jun – 2023 Aug
Developed a predictive system to assess plants best suited for arid climates and soils conducive to microalgae cultivation.
Keywords: Machine Learning, Deep Learning, R

Immersion Internship, *TRANSTU* — 2022 Jul – 2022 Aug
Designed a platform dedicated to managing infractions, routes, and control personnel in public transportation.
Keywords: PHP, HTML, CSS, Bootstrap, JavaScript, MySQL

SKILLS

Machine learning
Supervised Learning, Unsupervised Learning, Time Series, Natural Language Processing

Programming Languages
Python, R, Java, JavaScript, C, PHP

Deep Learning
ANN, CNN, RNN, GNN, GAN, LSTM, Transformers

Database Management Systems
PL/SQL, SQLite, MySQL, MongoDB

Libraries
Pandas, NumPy, Matplotlib, TensorFlow, Keras, PyTorch, Scikit-Learn, NLTK, OpenCV

Big Data
Spark, Hadoop, HDFS

Development Technologies
Spring, .Net, Django, ReactJS

DevOps Technologies
Github, Docker, Jenkins, SonarQube, Nexus

PROJECTS

Machine Learning Project — 2022 Oct – 2022 Dec
Developed a system leveraging advanced machine learning algorithms to proactively detect and diagnose chronic kidney diseases by analyzing diverse medical data.
Keywords: Machine Learning, Python

Deep Learning Project — 2023 Jan – 2023 Mar
Designed a sophisticated system aimed at recognizing yoga poses through image analysis. This system harnesses the power of convolutional neural networks to precisely classify various yoga postures from visual data.
Keywords: Computer vision, CNN, Python

Data Science Project — 2023 Jan – 2023 May
Engineered a messaging application integrating artificial intelligence, focused on proactive detection of diverse threats including spam, phishing, and malicious URLs. Additionally, the application offers interactive dashboards tailored for individual emails.
Keywords: Machine Learning, NLP, Python, Django, JavaScript

AI and Cognition Project — 2023 Sep – present
Developed a recommendation system utilizing conceptual graphs to monitor and manage project risks. This system takes the form of an interactive chatbot designed to deliver personalized assistance and provide tailored recommendations in response to project risk case studies.
Keywords: Deep Learning, GNN, NLP, Python, Django

CERTIFICATES

Natural Language Processing Specialization ↗
DeepLearning.AI

Convolutional Neural Networks ↗
DeepLearning.AI

Applications of AI for Anomaly Detection ↗
NVIDIA

Building Transformer-Based Natural Language Processing Applications ↗
NVIDIA

LANGUAGES

- English
- French
- Arab