



Magret Oladunjoye

Famagusta, North Cyprus

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Profile

Data enthusiast leveraging Artificial Intelligence to tackle real-world challenges, with a focus on impactful applications in agriculture and healthcare.

Education

- Master of Science in Software Engineering **Sep 2023 – Present**
Eastern Mediterranean University, Famagusta, North Cyprus
- Bachelor of Science in Software Engineering **Sep 2019 – Jul 2023**
Eastern Mediterranean University, Famagusta, Cyprus
Thesis: CareConnect – NLP-powered Doctor-Finder Web Application

Certifications

- AI for Medical Diagnosis [Certificate](#) (DeepLearning.AI)
- Deep Learning Specialization [Certificate](#) (DeepLearning.AI | Stanford Online)
- Machine Learning Specialization [Certificate](#) (DeepLearning.AI | Stanford Online)

Experience

- University Research Assistant **Sep 2023 – Present**
Eastern Mediterranean University, Famagusta, Cyprus
 - Taught lab sessions and tutorials in Python, Java, and Computer Networks.
 - Developed new teaching methods to enhance student engagement.
- Full-Stack Web Development Intern **Jul 2022 – Sep 2022**
IAESTE, Monday Hero, Istanbul, Turkey
 - Designed and implemented a project management tool for company using TypeScript and React.JS, boosting task allocation efficiency through streamlined workflows.

Skills

- Data Science: Data Preprocessing, Feature Engineering, Data Transformation
- Machine Learning: Regression, Neural Networks, NLP, SVM
- Programming Languages and Web Development: Python, Java, TypeScript, React.JS
- Database Management: SQL
- Version Control: Git

Key Projects

- **Minimizing Data Transmission Volume in Smart Farm Networks:** Combined statistical and deep learning techniques for time-series forecasting, resulting in a 20% improvement in temperature prediction accuracy and enhancing data transmission efficiency in smart farm networks.
[Project Link](#)
- **Alpaca Classifier Using CNN:** Built and trained an alpaca image classification model using the MobileNetV2 architecture.
[Project Link](#)
- **Brain Tumor Segmentation Using DRINet Architecture:** Performed segmentation of different types of gliomas using MICCAI datasets.
[Project Link](#)
- **CareConnect - Doctor Finder Web Application:** Developed an NLP-powered web application utilizing TF-IDF to recommend healthcare providers.
[Project Link](#)

Volunteering

- Famagusta Animal Re-homing Center (FARC) | Famagusta, Cyprus **Oct 2020 – Present**
 - Led a project to create safer spaces for animals by repurposing donated materials.
 - Organized fundraising events to support the shelter.

Honors & Awards

- Dean's High Honor Award (2022/2023 Spring Semester) – Department of Computer Engineering, Eastern Mediterranean University, for ranking in the top 10% of students for the semester

Languages

- English (C2) | Yoruba (C2) | German(A2)

References

- Available upon Request