Mohammed Dorgham

AI Specialist

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in Mohammed Dorgham   ⌨ mhmddorgham   📍 Dubai, United Arab Emirates

Innovative AI Specialist and Web Developer with a profound mastery of Machine Learning and Deep Learning. Exceptionally skilled in crafting dynamic web applications using React, JavaScript, MySQL, and Firebase. A proven track record of building, integrating, and hosting AI projects seamlessly into websites, delivering cutting-edge solutions that push the boundaries of technology. Committed to staying at the forefront of advancements, I drive transformative results by combining AI prowess with web development expertise.

Skills

- Python
- TensorFlow
- PyTorch
- JavaScript
- HTML/CSS

- ReactJS
- NodeJS
- Java
- C
- C++

- MySQL
- MongoDB
- Firebase Database
- NoSQL
- GitHub

Experience

Full Stack Developer- Freelancer
Jul 2022 - March 2023

- Collaborate closely with clients to gather project requirements, define scope, and provide expert technical insights to optimize functionality and user experience.
- Utilize a wide range of technologies, including React, JavaScript, Node.js, Express.js, Python, MySQL, MongoDB, and Firebase, to architect and develop responsive and interactive web applications.

Mahchine Learning Developer | STEMA
Feb 2023 - Jun 2023

- Led the development and implementation of advanced Machine Learning projects centered around Face Recognition, Detection, Object Tracking, and Gesture Recognition using DJI Tello drones.
- Designed and trained deep neural networks, leveraging popular frameworks like TensorFlow and Keras, to achieve state-of-the-art performance in computer vision tasks.
- Programmed Vex IQ and V5 Robotics using Python.

Projects

Family Banking System - Full Stack Application | IEEE Competition

- Built this app using React JS and tailwindCSS and hosted on Firebase. Supports user authentication with mobile number and email. Used Firestore Database as server side to host users' data, and connect it to Mobile Application.

Family Banking App- Mobile Application | | IEEE Competition

- Built this app using Java on Android Studio that supports user authentication with mobile number and email. Connected to the website and Firestore DataBase of the website.

Hand Movement Classification via Machine Learning and Deep learning

- Developed 4 different Machine learning models to classify Hand movements.
- Developed Deep learning model using Neural networks to classify Hand movements.

Education

Bachelor Degree in Computer Science (AI), British University in Dubai
Sep 2021 - Sep 2025

- Founder of the Programming Club at the University.
- Hosted programming and UX workshops and tutorials.

Graduated From Artificial Intelligence Course of Samsung Innovation Campus