

Adam Ibrahim

adamyehialy@gmail.com | Mobile: +971 55 855 7178 | [Linkedin](#) | [Github](#) | [Personal Website](#)

Education

BSc in Computer Science

August 2023 – Present

United Arab Emirates University (UAEU), GPA: 4.0/4.0(Dean's List)

- **Relevant Coursework:** Algorithms and Data Structures, Object Oriented Programming, Programming Labs (Python & Java), Database Systems, Software Engineering Fundamentals

Experience

Data Scientist – Intern

December 2024 – Present

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Dubai, United Arab Emirates

- Analyzed multi-channel attribution and engagement trends, revealing a **29% landing page drop-off**. Automated weekly reports, reducing manual effort.
- Created an investor-ready dashboard in Google Data Studio, mapping lead journeys and key metrics, improving campaign efficiency by **15%**.
- Developed a **machine learning(random forest)** model to identify high-quality leads with **87% accuracy**, prioritizing resources to convert **6,500 leads**.
- Built ETL pipelines using Python and BigQuery to integrate GA4, HubSpot, and WhatsApp Analytics, enabling real-time reporting updates.

Undergraduate Research Assistant

February 2024 – Present

United Arab Emirates University (UAEU)

Abu Dhabi, United Arab Emirates

- **AI and Robotics Lab** - Designed and built a robotic gripping device for stroke rehabilitation with CAD models, 3D-printed parts, and Arduino-based sensor & motor integration.
- **Solar Panel Cleaning Optimization System** - Developed a Python tool with Scikit-learn to predict cleaning schedules, reducing costs and improving efficiency.
- **Partial Face Recognition Model** - Developing a deep learning model using PyTorch, CNNs, and QACnv to enhance accuracy in occluded conditions.

Skills

Programming Languages: Java, Python, JavaScript, C++

Frameworks and Libraries: React, Node.js, Express.js, PyTorch, Scikit-learn, Tensor flow

Databases: MongoDB, PostgreSQL, MySQL

Tools and Platforms: Git, AWS, Excel, Fusion 360, Arduino

Interpersonal and Analytical Abilities: Event Planning and Coordination, Presentation Development and Delivery, Innovative Problem-Solving, Team Leadership

Projects

Joybox

- A personalized gift wish list platform, for curating shareable gift lists and reservations with real-time updates to prevent gift duplication.
- Based on HTML, CSS, JavaScript, Node.js, Express.js, MongoDB and utilizing RESTful APIs for core functionality.

AIExamify

- AI-powered quiz platform for educators with YouTube recommendation after quiz completion.
- Based on React, Node.js, and MongoDB.
- Utilizing Llama API for generating quiz content, and YouTube API for video recommendations.