

# Abdelrahman Bahig

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## Professional Objective

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Computer and Artificial Intelligence Engineering student with a strong interest in Data Science, Machine Learning, and data-driven problem solving. Experienced in data analysis, regression models, backend development, and SQL databases. Currently training as a Data Science trainee at DEPI, seeking internships or entry-level roles in data science and analytics.

## Education

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### Ain Shams University – Faculty of Engineering

Bachelor of Computer and Artificial Intelligence Engineering

Dual Degree Program with University of East London

USAID Scholars Program Recipient

Expected Graduation: Spring 2027

## Technical Skills

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### Programming Languages:

Python, Java, Kotlin, JavaScript, C/C++, Dart

### Data Science and Machine Learning:

- Data analysis and preprocessing
- Regression models
- Feature engineering
- Exploratory Data Analysis (EDA)
- Model evaluation and performance metrics

### Tools and Technologies:

- Python libraries for data science
- SQL (MS SQL Server)
- MongoDB
- Git and GitHub
- Firebase (Authentication, Firestore)
- Flask (backend development)
- HTML and CSS
- Figma (UI/UX Design)

### Additional Technical Knowledge:

- Object-Oriented Programming (OOP)
- Basic understanding of Flutter
- Desktop GUI Development (Qt, JavaFX, WinForms)
- Basic understanding of VHDL and Verilog

## Experience and Training

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### Data Science Trainee – DEPI Program

November 2025 – July 2026

- Training in data analysis, machine learning, and applied data science workflows
- Working with real datasets to build and evaluate predictive models
- Applying Python and SQL for data manipulation and analysis

## **ITI Summer Training – Android Development with Kotlin**

July – August 2025

## **Projects**

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### **AI Course Project – Regression Models**

Implemented four regression models on a dataset with 12 features to analyze data patterns and predict trends.

### **ExoML – NASA Space Apps Challenge 2025**

Developed backend services using Flask and deployed backend and frontend on serverless platforms (Railway and Vercel).

### **Looma – Task and Roadmap Tracker**

Android application developed using Kotlin, Jetpack Compose, and Firebase.

### **Dish Dash – Recipes Android Application**

Team-based project developed during ITI training. Implemented database logic, authentication, splash screen, and favorites functionality.

### **E-Commerce Desktop Application**

Developed a desktop application using Java for backend logic and JavaFX for the user interface.

## **Additional Courses**

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### **Aspire Leadership Modules 1 & 2**

Aspire Training and Consulting Institute

Completed: July 2024

### **Pre-Academic Course**

School of Continuing Education (AUC)

Completed: December 2023

### **Supplementary English Course**

School of Continuing Education (AUC)

December 2023 – May 2024

## **Languages**

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Arabic: Native

English: Intermediate (IELTS Score: 6.0 – B1)