Ahmed Deghedy

AI & Data Scientist Engineer

Contact Information

📍 **Giza, 6th October**

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Summary

An AI and Data Science Engineer with strong expertise in Mobile Application Development using Flutter. Skilled in working with cloud technologies like Firebase. Proficient in programming languages including C++, C, Python, Java, and Dart.

Education

Faculty of Information Systems and Computer Science

6 October University

Started: 2021 - Expected Graduation: 2024

Specialization: AI

GPA: 3.33 (Very Good)

Training & Courses

1-Developing Mobile Application using Flutter (ITI)

2-Complete Flutter & Dart Development Course (Udemy)

3-AI & Data Science (DEPI)

Skills

Languages:

- Arabic: Native
- English: Very Good

Technical:

- Python: Very Good
- HTML & CSS: Very Good

- Dart: Excellent
- C++: Excellent
- MySQL: Good

Soft Skills:
- Leadership
- Teamwork
- Time Management

Projects

1- **Stroke Detection System Using AI and Smartwatch**
  Designed a system to predict strokes using a custom smartwatch that measures blood pressure, ECG, heart rate, and oxygen levels.
  Developed a mobile app connected via Bluetooth to the smartwatch for real-time data transfer and integrated with Firebase Cloud hosting an AI model for prediction.

2-**Heart Disease Detection AI Model**
  Developed a machine learning model for heart disease detection, achieving an accuracy of 94%. Utilized advanced data processing techniques and integrated the model into a scalable environment.

3- **Fraud Detection Model with GUI**
   - Created an AI model to detect fraud with a user-friendly graphical interface.
   - Focused on integrating AI techniques with an interactive front-end for better usability.

4- **Digit Recognition Model using CNN**
   - Developed a Convolutional Neural Network (CNN) model to recognize digits from images.
   - Successfully achieved high accuracy by leveraging advanced image processing techniques and deep learning.