Anas Emad Abd-Elmoaty

Flutter Developer

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Profile

I am a Software Engineer with a solid background in Software Engineering, specializing in Flutter application development and proficient in handling diverse position-related tasks.

Experienced in object-oriented programming ,sql, C#, C++, Python and Flutter.
- Experienced in Flutter and web development
- Statistical Analysis, Deep learning and Machine Learning algorithms Using Python.
- Experienced in Software Development, mainly in deployment models with Flutter .
- Quickly learn and master new technologies, successful working in both team and self-directed settings.

Education

Bachelor's degree of Computer science   10/2018 – 07/2022
- Faculty of Computers and Artificial intelligence Cairo University Bioinformatics department
- GPA:3.2
- Graduation Project:Excellent

Professional   Experience

Ai Instructor at MEC academy   11/2023-present

Ai Instructor at ItSharks   05/2023-present

Teaching Assistant (part time)

    02/2023 – 09/2023

at Faculty of Engineering (Egyptian Chinese University)

software engineering at General.net   02/2023-present

Orange Digital Center Egypt (Internship)   08/2022 – 11/2022
- learned about many topics in data science and AI
- Working on projects related to connecting AI with frameworks such as flutter

57357 Fundation   08/2021 – 09/2021
Multi-Omics Data Analysis(Intern)
- Apply and deploy different machine learning algorithms in biological data
- Understand biological data analysis
- Understand Statistical analysis

Agriculture Genetic Engineering Research (Trainee)   08/2021 – 09/2021
- learned about Bioinformatics basic principles such as Alignment, NGS,and in the end of training worked on a research related to Coronavirus with my team.
- we did analysis on coronavirus mutation and extracted s protein in all of them using Bioinformatics tools.

Bio Code Student Activity
Head Hr
this society is the first student activity in the Biomedical Informatics field in Egypt ,

FastCode company   08/2019 – 12/2019
Trainee
Full stack training and make super market online store project

Awards &Competitions

NASA Space Apps   2022
Solution Challenge
- We proposed an Ai based search engine to analyze data repository using machine learning model.
- Connect it with flutter.

Cairo ICPC   2020
Competitive Programming

Google Hash Code participance   2018
Competitive Programming

Projects

Early-detection-of-Colorectal-Cancer- using-ResNet-50, *Graduation Project*   10/2021 – 06/2022
his website is meantinable so you can add any model of machine learning or CNN which has high accuracy.This is a website for detecting colorectal cancer using colonoscopy pictures

General Transporter
- Pickup and deliver General House Service orders for drivers and admins
- State Management:Provider
- https://play.google.com/store/apps/details?id=com.general.net.captain&pli=1

Task Chat
- faster communication between employees
- assign tasks to employees and follow them
- State Management:Provider
- https://play.google.com/store/apps/details?id=com.general.net.company_chat&pcampaignid=web_share

menus App
- this application ensures a hassle-free and enjoyable dining experience, bringing the culinary delights of well-known establishments right to your door
- State Management:Bloc
- https://play.google.com/store/apps/details?id=general.house.menus

Ai App model
- Flutter app that detect places using ai model
- State Management:Bloc
- https://drive.google.com/drive/folders/1-8EhEgXyMb5pZMzKUJWzaPv0_zlNWPJy

Diabetic and Kidney Diseases Data Analysis
- Statistical Analysis for data
- Build Machine Learning Model
- https://github.com/anasemad21/Diabetic-and-Kidney-Diseases

American Sign Language
- CNN models build on RGB data.
- Built in VGG16 and ResNet50 model.
- https://github.com/anasemad21/American-Sign-Language

Courses

Python for Data Science, *dataCamp*

Data Analysis, *Udacity*

Pandas, *Kaggle*

Machine Learning, *Kaggle*

Deep Learning, *Kaggle*

Python development, *DSC*

Machine-Learning Course, *Coursera*

Data Structures and Algorithms Specialization, *Coursera*

The Complete 2022 Flutter &Dart Development, *Udemy*

+Other courses on youTube,dataCamp and Udamy

Skills

- C++
- SQL Database
- Data Structures
- Flutter (Bloc and Provider State Managemet

Python

Machine Learning

Links

Github, *https://github.com/anasemad21*

Kaggle, *https://www.kaggle.com/emadanas*

LinkedIn, *https://www.linkedin.com/in/anas-emad-873a36188/*

Codeforces, *https://codeforces.com/profile/Anas.emad*

Google Drive*, https://drive.google.com/drive/folders/1-8EhEgXyMb5pZMzKUJWzaPv0_zlNWPJy?usp=sharin*