

Mohamed Halfawy

Software Engineer

Passionate Software Engineer who enjoys daily challenges, critical thinking, and problem-solving. A top-of-class graduate adept at working across departments, with faculty, administrators, and students with a record of academic success. Eager to learn new technologies, know in-details about their underlying concept, and participate in the latest technologies.

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📄 mohamedelhalfawyy.github.io/Halfawy_Portfolio/

🐙 github.com/mohamedelhalfawyy

EDUCATION

Bachelor's Of Computer Science (B.CS.)

Arab Academy For Science, Technology & Maritime Transport

09/2018 - 07/2022

Alexandria, Egypt

GRADE

- 3.77 (Excellence With honors)

WORK

Data Science (Python Developer) (07/2022 - Present)

- I work as a data scientist at VlyTix. Skills I have used and gained experience in are: SQL/Python/AWS/API-Integration

Freelance On Upwork (07/2019 - 06/2022)

- I have been working as a freelancer on Upwork for 3 years doing multiple online/offline projects with different programming languages mainly Flutter, Java, JavaScript, SQL, Firebase and etc..

BitsForDigits Website (Modifications)

(10/2020 - 12/2020) [🔗](#)

- Migrate the database to Firebase and adjust the Front-end of the website interface using webflow

Fit Rangers Application (on android) (05/2020 - 12/2020)

- A gym application that me and my cousin worked on and released on Android devices it was a good step forward into the app development for me

File_It Application (08/2021 - 08/2021)

- An app project i made for a client that makes it easy for the user to organize and save all his docs,pictures,videos in one place it's published on Google Play and app store

GRADUATION PROJECT

Daisy Voice controlled robot application/Team Leader

Arab Academy For Science, Technology & Maritime Transport

06/2021 - 06/2022

The project idea is to make an autonomous voice-controlled vehicle that can be totally controlled through a mobile application. The application was made with a flutter/dart that provides voice/manual control for the vehicle and also supports CNN face recognition and object detection being interactive and smart. The purpose of the project is to make a robot that can transfer food/water/medicine from the doctor or nurse to the patient with no interaction so no infection would be transferred as has happened in Covid-19.

SKILLS

JavaScript

Java

Flutter

Dart

Firebase

HTML

CSS

Python

React

Angular

SQL

Docker

AWS

PROBLEM SOLVING

Object-oriented programming

Git

Data Structures & Algorithms

SOLID Principles

GRAPHQL

RESTAPI

Critical Thinking

INTERNSHIPS

Software Engineer at Vodafone - Egypt

(07/2020 - 10/2022)

At Vodafone's Internship i have learned how to work as a team how to deploy projects how to solve programming problems at a young age .

CERTIFICATES

Certificate of Algorithmic Toolbox - University of California San Diego (08/2022 - 09/2022)

Certificate URL:

<https://www.coursera.org/account/accomplishments/verify/5S5XBJJ24YYX>

Certificate of Front-End Web UI Frameworks and Tools: Bootstrap 4 - The Hong Kong University of Science and Technology (08/2022 - 09/2022)

Certificate URL:

<https://www.coursera.org/account/accomplishments/verify/BN5WCSX867Y3>

SQL for Data Science - University of California, Davis (09/2022 - 10/2022)

Certificate URL:

<https://www.coursera.org/account/accomplishments/certificate/UMFP2M7AL6A9>

LANGUAGES

ARABIC

Native or Bilingual Proficiency

ENGLISH

Full Professional Proficiency

MILITARY STATUS

Exemption From Military Service