

# HAMZA HASSAN DERBAZ

## Software Engineer

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📍 Cairo, Egypt  
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• Military Status: Finished in March 2023

## SUMMARY

Software Engineer with a degree from the esteemed Arab Academy for Science Technology, and Maritime Transport. With expertise in back-end development, seeking employment to develop my skills further and contribute to future projects. Proficient in database and APIs design, testing, and debugging. Can work autonomously and collaborate effectively in a team environment.

## SKILLS

- Programming-Languages : Python C-Sharp C/C++ JavaScript
- Software-Engineering : Problem-Solving OOP Data-structures Algorithms SOLID-Principles
- Back-end Tools : Django .Net Core RESTful API PostgreSQL SQL Server
- Front-end Tools : HTML/CSS Bootstrap React
- Platform and Deployment : Docker CI/CD Git/GitHub

## EXPERIENCE

### Back-end Engineer Intern

#### Algoriza

📅 Sep 2023 – Dec 2023

📍 Cairo, Egypt

- During my internship, I concentrated on developing a healthcare website and booking appointments with doctors like Vezzeta.
- Worked on optimized database structures to efficiently store and retrieve doctor, patient, and appointment information.
- Built strong APIs, enabling seamless management of doctor and patient data, appointments, and administrative tasks.
- Implemented Identity for secure user authentication, ensuring only authorized access to sensitive data.
- Employed testing and debugging techniques to ensure API stability.
- Implemented measures to enhance the API's responsiveness and efficiency.

### Back-end Engineer Intern

#### Pagie Portal

📅 Jun 2023 – Aug 2023

📍 Remote

- Developed distance calculation module using Google Maps APIs that can be used for Uber-like App.
- Worked on a database and APIs for the Invoice System Project.

## COURSES

### Machine Learning, Stanford

📅 Apr, 2021

📍 Coursera

### Python Programming, Michigan

📅 Oct, 2020

📍 Coursera

## ACHIEVEMENTS



ICPC - International Collegiate Programming Contest, Sep 2019

Rank 18

# EDUCATION

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Bachelor's degree in Computer Science  
Arab Academy for Science, Technology and Maritime Transport, Grade: Very Good, GPA: 3.0  
📅 Sep 2017 – Jul 2021

# LANGUAGES

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- Arabic
- English

