

RAED JOMAA

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OBJECTIVE

Curious learning and excellent team player searching for challenging position as app or web developer or as Cyber security software developer to apply my working knowledge of software development, troubleshooting, debugging, network services and excellent communication skills to grow as software engineer and looking forward to earning the position of software engineer at a leading organization to showcase my skills in programming to generate high-end solutions to software issues along with drawing better user experience.

EDUCATION

• German University In Cairo (GUC)

Bachelor of Engineering in computer Science.

2021-2026

Major: Media Engineering and Technology (MET) in Computer Science Engineering.

EXPERIENCE

• Junior Teaching Assistant at German University In Cairo (GUC).

2023 - Present

Key Responsibilities:

- I was a Junior TA for two semesters in Java and Python.
 - I was a supervisor of the students while taking their quizzes.
 - I taught the students about problem solving, syntax and advanced properties in Java and Python.
- office regulations
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INTERNSHIP

• Java Developer at Code Alpha.

2024

PROJECTS

Database Engine

2024

Using java

- This project is a small database engine implementation with support for B+ tree index. It provides functionalities such as creating tables, inserting and updating tuples, deleting tuples, searching in tables linearly, creating a B+ tree index upon demand, and utilizing the created indices where appropriate.

Donation App

2024

Using Angular

- This project aims to develop a non-monetary donation application for NGOs (non-government organizations) to facilitate communication between donors and individuals/organizations in need. The application will enable donors to offer various items such as clothes, medical supplies, school supplies, furniture, toys, etc., to those in need.

Simulating a fictional processor design and architecture

2024

Using C

- Simulating a Harvard Memory Architecture.

Java Game

2023

Using Java and Javafx. This game was divided into 3 milestones.

- The first milestone was mainly about creating the packages and making the classes we will need with their attributes and basic methods.
- The second milestone was about the game flow and how every action will happen and how it will affect the player and the characters.
- The third milestone was creating the GUI of the game, and we used JavaFX to do this.

University Advising system

2023

Using SQL, ASP.net.

- It tracks the students, instructors, schedules rooms, exams, graduating plans and courses.

Plant care system

2023

Using Vhdl code, FPGA, Arduino

- A system that consists of two stages the first one is watering the plant and the second id for the fertilizer and it switches between them in a specific time and its controlled with start and stop buttons.

COURSES

- .NET7.
- JavaScript.
- MySQL server and MS with SQL.
- Machine Learning (Introduction).
- Quantum computing (Introduction).
- Coder command line.
- Git and GitHub.
- Java GUI.
- CSS 3.
- HTML 5.
- Introduction to Cybersecurity (Cisco).
- Java.
- ICPC.
- Python.
- Kotlin.
- Angular.
- C.
- C#.
- Typescript.
- Prolog.
- Haskell.
- Asp.net.
- Android Development with Kotlin.
- Bootstrap.
- General English.
- Flutter.
- Unity game development.
- Python.

EXTRA CULTURAL ACTIVITIES

IEEE Students Branch

- Member in Machine Learning Committee.

Egyptian Food Bank

- Volunteering in packing the food boxes.

El Warsha x Darb 1718

- Ushering in something Else Exhibition 2023 at Salah Eldin Alayoubi Citadel.

LANGUAGES

- Arabic: Mother tongue.
- English: Very Good.
- German: Very Good.

SKILLS

- Very good knowledge of: Microsoft office 2010 (Excel 2010 core, Access 2010 core & Outlook 2010 core).

PERSONAL QUALITIES

- Eager to learn - Punctual - Fast Learner - Smart worker - Can Handle pressure - Honest - Patient - Volunteering - Photography - Video Editing - Drawing - Rovotics.