

# Yasser Mohamed

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## EDUCATION

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### Bachelor's degree, Faculty of Engineering

2020 – 2025 | Alexandria, Egypt

- Completed 163 Credit hours in coursework including Programming I & II, Data Structures I & II, Analysis and design of Algorithms, Database, Operating Systems, Machine Learning, Embedded Systems, Computer Networks, Computer and Network Security, NLP, Artificial Intelligence.
- Achieved CGPA of 3.67

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## PROJECTS

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### Circus of Plates Game

- It is a single player-game with 2 modes in which each clown carries two stacks of plates, and there are a set of colored plates queues that fall, and he tries to catch them, if he manages to collect three consecutive plates of the same color, then they vanish, and his score increases.
- This game was written following OOP concepts and used some design patterns.

### Process Management System

- This project indicates how the operating system run the process, it takes multiple processes and passes them through three queues with different quantum time.

### Car Rental Website

- This project is a website which has authentication that customers, offices and admin can log in, the website is for company that manages car rental to customers with data saved in a database that is created by company, anyone who login to website can see all the cars details.

### Online Shop, During MS-Design Intership

- This is a .NET website project where sellers can offer their products to customers.
- For database it uses SQL server and entity framework.

### Replicated Key/Value Service using Primary/Backup, GoLang

Built a fault-tolerant distributed key/value store in Go using primary-backup replication with concurrent request handling and automatic failover.

### Personal Memory Question Answering, Graduation Project

- This project aims to preprocess all the provided user's images using LLM and ML models to understand the user's memories and save them to be able to answer the user about any question later asked by him about these memories.
- The model is implemented in python and integrated in the website using FastAPI.

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## SKILLS

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C Language

Java

SQL

Web Development

C#

GoLang

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## LANGUAGES

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Arabic

English