MARWAN MOSTAFA

Computer Engineering Student

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EDUCATION

BS in Computer and Communication Engineering (CCE)
Faculty of Engineering, Cairo University (Credit Hour System)

📅 Sept 2019 – July 2024   📍 Egypt

Current CGPA: 3.25

   Related Courses: OOP, Data Structures, Algorithms, Database Systems, Operating Systems, Computer Architecture, Microprocessors, Machine Learning.

Thannawya Amma, English
M.S.E. Language School

📅 Sept 2018 – July 2019   📍 Egypt

Grade: 99.0%

EXPERIENCE

Students and Program Representative
CUFE Credit Hour System Class 2024

📅 Sept 2019 – Present   📍 Giza, Egypt

- Established efficient and smooth procedures for contact between students and administration with regard to announcements, complaints, and different issues.
- Provide assistance and help for students and newcomers regarding course maps, academic tracks, schedules, and college system.

Software Developer Internship
Banuqe Misr - Digital Factory

📅 Aug 2022 – Sep 2022   📍 Cairo, Egypt

- Deployed and delivered successful marketplace application during our internship period.
- Developed security of the application using JWT with Spring Boot.

IEEE IT Member
IEEE Cairo University Student Branch (CUSB)

📅 Oct 2020 – Aug 2021   📍 Giza, Egypt

- Worked on several JS and NodeJS backend mini-projects.

LANGUAGES

Arabic

English

German

AWARDS

FinYology Competition Winner
Central Bank of Egypt

The Central bank held a competition between around 50 teams to solve Egypt's fintech national problem statements, we were the winning team in 2022 season.

SKILLS

React   Jest   HTML   CSS   JavaScript

C/C++   C#   Python   Java   Assembly

Spring Boot   NodeJS   SQL   GitHub/Git

OOP   Data Structures   Algorithms

Problem Solving   Machine Learning

PROJECTS

Absence Tracking Web App

- A comprehensive tool that helps Engineering students in CU keep track of their absence.
- Used by 3500 students according to Google Analytics.
- ⌘ Visit Repository

Eventbrite Clone

University project, software engineering course. Team was consisting of 5 sub-teams (Frontend, Backend, DevOps, Testing and Cross-platform)

- As responsible for the frontend part:
  - I successfully designed and created the needed web pages using ReactJs, supporting a responsive nature to provide access from different devices.
  - I managed to integrate with the backend team providing a stable web app for users. In addition to unit test modules implementation.
- (ReactJs, JavaScript, CSS, Bootstrap, Jest)

Search Engine Project

- A multi-threaded web crawler. In addition to an indexer that extracts the essential content from the URLs provided by the crawler and stores it organised in a database.
- (Java, ReactJs)

C++ Compiler

- A C++ like compiler. Checks for semantic and syntax errors, then compile the given code.
- (C, LEX, YACC)

Digital Logic Circuits Simulator

- (C++, CMU graphics library)
- ⌘ Visit Repository

Operating System Simulator

- (C Language, Linux)