



Mark Mahrous Besada
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EDUCATION

- **German University in Cairo** 2025
Computer Science (CS) semester 7 CGPA/Percentage: 1.14/92% (A) in German Scale
- **Sohag Experimental Language School** 2020
General Secondary Education Certificate Examination (GSEC), Sohag CGPA/Percentage: 99.02

EXPERIENCE

- **German University in Cairo** 2022/2023
Junior Teaching Assistant Cairo
– Data Structure and algorithms Course

PERSONAL PROJECTS

- **Marvel-Ultimate-War-Game** 2022
Two Players fight until one of them win by defeating all of the other player's champions
– Tools & technologies used: Java as language, Object Oriented Programming and Swing as a GUI
– First of all we as a team created the classes needed to the project applying rules of Object Oriented Programming then we create the methods which are the mechanics of the game and used Swing as a GUI for the front end
- **SportsMatchManager_DatabaseSystem** 2022/2023
Implementing a system that manages the matches played in any sport as well as the fan attendance to these matches.
– Tools & technologies used: Visual Studio, C# , SQL and asp.net
– First of all we as a team designed EERD and Scheme then we wrote SQL commands for the database then we used ASP.NET and C# to create this as website based on HTML5, CSS, and JavaScript.
- **Banking-System** 2023
Online Banking System Prototype.
– Tools & technologies used: Visual Studio Code, JavaScript, HTML and CSS
– First of all we figured out the requirements then we created ERD, Class Diagram and Component Diagram and finally created the front end for this Online Banking System Prototype.
- **Independent-Tourist-Application-Flexplore** Summer 2023
An application for tourists to eliminate the need for travel agencies.
– Tools & technologies used: Visual Studio Code, Flutter, Dart
– First of all we created Mobile App for tourist so that they can register to it, search for trips and also being able to customize their own trips, starting the trip and have the possibility to end it at any stop or continue till the end and finally give feedbacks.
- **El7a2ny-Clinic-Pharmacy** 2023/2024
Website to maintain interaction between Patients, Doctors and Pharmacists.
– Tools & technologies used: Visual Studio Code, Postman, MERN full stack, Jest
– First of all we created the backend of the website using express.js and node.js and used no SQL database MongoDB then we used React with its nice libraries like MUI to implement nice frontend maintaing UX UI design principles.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, JavaScript, C++, Python, Dart, HTML, CSS, Haskell, Prolog

Developer Tools: Git, Visual Studio Code, IntelliJ IDEA, Eclipse, postman

Technologies: MERN full stack(MongoDB, Express.js, React.js, Node.js), SQL, Flutter, Jest

Cloud/Databases: MySQL, MongoDB

Areas of Interest: Web development, Mobile App Development, Artificial Intelligence and Machine Learning

ACHIEVEMENTS

- **Achievement** I became one of the top 10 Ranking Students in high school with grade 99.02% 2020
- **Achievement** I got a full scholarship at the GUC because of my academic excellence 2020