

Mark Mahrous Gendy

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EDUCATION

German University in Cairo

Bachelor of Computer Science and Engineering

Cairo, Egypt

September 2020 – July 2025 (Expected)

- Grade : A, GPA : 1.17 (German Scale)
- Full Scholarship due to Academic excellence

Sohag Experimental Language School

Scientific Section: Mathematics

Sohag, Egypt

September 2017 – June 2020

- Grade : 99.02% (Thanaweya Amma)
- Top 10 ranking students at Thanaweya Amma

EXPERIENCE

German University in Cairo

Flutter intern

July 2023 – September 2023

Cairo , Egypt

- Developed a mobile application for tourists named independent tourist app which the tourists can use without the need for a tour guide.

German University in Cairo

Junior Teaching Assistant

September 2022 – January 2023

Cairo, Egypt

- Assisted in teaching the "Data Structures & Algorithms" course for CSE and BI students

PROJECTS

[Bachelor's Thesis](#) | *Python* | ([Video](#)) | *Grade : Excellent (A)*

February 2024 – June 2024

- Wrote a [bachelor's thesis](#) titled "Measurement of Functional Size Across Programming Languages: A Machine Learning Approach".
- Developed a tool to measure the functional size of any software written in any programming language based on COSMIC method principles Using Machine Learning Models.

[Clinic-Pharmacy Website](#) | *MERN stack* | *JavaScript*

September 2023 – January 2024

- Developed a complete virtual clinic with an integrated pharmacy using MERN stack.
- Implemented features such as finding a doctor, scheduling appointments with doctors, conducting on-premise or online meetings, getting prescriptions, accessing medical history and ordering prescribed medicines.

[Independent Tourist Mobile App](#) | *Flutter* | *Dart*

July 2023 – September 2023

- Developed a mobile application using FFlutter for tourists.
- Implemented features such as register, search for trips, customize specific trips, starting the trip, end the trip at any stop or continue till the end and finally give feedbacks.

[Banking System](#) | *HTML* | *CSS* | *JavaScript*

February 2023 – June 2023

- Implemented a front-end prototype for an online banking system.

[Matches Attendance Database System](#) | *SQL* , *C#*

September 2022 – January 2023

- Implemented a system that manages the matches played in any sport as well as its fan attendance using SQL.

[Marvel Ultimate War Game](#) | *Java* ([Video](#))

February 2022 – June 2022

- Implemented a 2-player battle game using java Object Oriented Programming features and Java Swing in its Graphical User Interface

SKILLS & LANGUAGES

Programming Languages: Java, JavaScript (TypeScript), Python, Dart, C#, C++, HTML, CSS, Haskell, Prolog

Skills: SQL, MERN stack, Flutter, Firebase, ASP.NET Core, OOP , Data Structures & Algorithms, Git, design patterns, SOLID principles

Languages: Arabic (Native), English (C1), French (B1) , German (A2)