

## EDUCATION

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- **German University in Cairo** Cairo, Egypt  
*Bachelor of Science in Computer Science Engineering; GPA Grade: A-* *Oct. 2020 – Aug. 2025*
- **Nefertari British International Schools** Cairo, Egypt  
*Graduated IGCSE with High Honors; Grade: 99%* *Sep. 2017 – Aug. 2020*

## EXPERIENCE

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- **Paraguru LLC** Cairo  
*Social Media Moderator* *Aug 2022 - Present*
  - **Highlights:** Actively engage in monitoring and managing social media platforms, ensuring a positive online presence.
- **German University in Cairo** Cairo  
*Tutor in Computer Science* *Feb 2022 - June 2023*
  - **Highlights:** Assisted students with fundamental programming and algorithmic concepts in three courses (Introduction to Computer Science, Introduction to Computer Programming, and Concepts of Programming Languages).

## PROJECTS

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- **Health Care System (2023):**
  - **Description:** A full stack Medical system consisting of a clinic and a pharmacy. Each subsystem functions separately and communicates with the other subsystem for a great health care experience. This project was implemented using MERN stack and was done within a team of ten.
  - **Implementation:** MERN Stack
  - **Clinic:** [github.com/advanced-computer-lab-2023/Mern-overflow-Clinic](https://github.com/advanced-computer-lab-2023/Mern-overflow-Clinic)
  - **Pharmacy:** [github.com/advanced-computer-lab-2023/Mern-overflow-Pharmacy](https://github.com/advanced-computer-lab-2023/Mern-overflow-Pharmacy)
- **Database Management System (2023):**
  - **Description:** This is a simple database management system that allows users to create, read, update, and delete data from a database. The database is implemented in java, and the data is serialized to the disk and deserialized whenever needed. This project was done within a team of five.
  - **Database Implementation:** Java
  - **Details:** [github.com/AhmadHoseiny/DBProject.git](https://github.com/AhmadHoseiny/DBProject.git)
- **Marvel Ultimate War (2022):**
  - **Description:** A full stack 2-player game where each player chooses his champions and they enter into a battle until a player kills the other player's champion. OOP principles were applied in this project. This project was done within a team of three.
  - **Backend Implementation:** Java
  - **Frontend Implementation:** Java Swing and Java AWT
  - **Details:** [github.com/o-wael/marvel-ultimate-war](https://github.com/o-wael/marvel-ultimate-war)

## PROGRAMMING SKILLS

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- **Java, HTML, CSS, Python, Javascript, C#, SQL, Prolog, Haskell, VHDL**

## EXTRA-CURRICULAR ACTIVITIES

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- **IEEE GUC Student Branch** Cairo  
*Software Engineering Member* *Oct 2022 - June 2023*
- **GUC-ULM Quantum Technology Conference** Cairo  
*Usher* *Dec 2022*
- **Tekeya Charity Kitchen** Zagazig  
*Volunteer* *Apr 2022*