Youssef Ashraf

✉ **youssef.ashrafhilal@gmail.com**

☎ **+20 101 094 3541**

⌖ **Cairo,Egypt**

🌐 **github.com/Youssef-Ashraf2099**

EDUCATION

German International University New Administrative Capital, Egypt

Bachelor of Computer Science, Expected Graduation: June 2027

- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming

- German GPA: 1.9 B+

EXPERIENCE

Teaching Assistant Junior (Volunteer)

German University in Cairo   August 2024

- Assisted students in fundamental programming concepts through one-on-one tutoring and review sessions
- Guided students in developing small coding projects, helping them build foundational skills in software development
- Fostered Critical Thinking and Problem-Solving by offering feedback on assignments

SKILLS

- **Technical Skills:**
  - Programming Languages: Java, C++
  - Version Control: Git, GitHub
  - Tools: IntelliJ IDEA, Visual Studio
  - Operating Systems: Windows, Linux (WSL)

- **Soft Skills:**
  - Problem-Solving
  - Critical Thinking
  - Teamwork
  - Adaptability
  - Multilingual
  - Work under pressure
  - Ability to learn

PROJECTS

Attack on titan game

[Language/Tools used: Java, JavaFX]

- Developed a tower defense game based on the Attack on Titan theme, with the primary objective of applying Object-Oriented Programming (OOP) concepts using Java.
- Designed multiple classes representing game elements (e.g., Titans, weapons, battel) to demonstrate inheritance, encapsulation, and polymorphism.
- Implemented gameplay mechanics, including endless attacking waves and player defenses and weapons, with a graphical user interface built using JavaFX.
- Available on my GitHub: [GitHub link provided above]

Supermarket Management System

[Language/Tools used: Java, JavaFX]

- Developed a Supermarket Management System to apply Object-Oriented Programming (OOP) concepts using Java.
- Designed a system of classes representing supermarket entities (e.g., products, customers, transactions) to demonstrate inheritance, encapsulation, and polymorphism.
- Implemented functionalities for managing inventory, handling customer transactions, and generating sales reports.
- Available on my GitHub: [GitHub link provided above]

EXTRACURRICULAR ACTIVITIES

Participant, Egyptian Collegiate Programming Contest (ECPC), 2024

- Solved algorithmic challenges under competitive conditions
- Improving Problem-Solving and teamwork skills.

Design Thinking Event,2023

- Participated in a collaborative design thinking event with Heilbronn University and our university
- Worked closely with a German team to understand software design principles based on user feedback
- enhancing skills in user-centered design and iterative development