

Merna Ahmed Mohamed Omar

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Summary:

As a dedicated software engineering student with a passion for testing, I bring a fresh perspective to development projects. Proficient in both coding and testing practices, I actively contribute to creating high-quality software solutions. Eager to apply my skills and knowledge in real-world scenarios to drive innovation and exceed expectation.

Education:

- Egyptian Chinese University, Faculty of Engineering Joint Program (2021 – 2026), Software Engineering Major with:
 - An accumulative grade: **Excellent, 3.91/4.**

Internships:

- **Web Development Training in** Egyptian Chinese University (August 2023)
 - Frontend Development: Proficient in creating responsive and user-friendly web interfaces using HTML, CSS

Projects:

- **Banking system:**
 - Developing banking systems using object-oriented programming principles. Proficient in designing robust.
 - architectures for transaction processing, user authentication. Skilled in implementing features such as accounting.
 - management, transaction history, and real-time updates. Demonstrated ability to ensure reliability and
 - scalability in financial software solutions.
- **Tower of Hanoi:**
 - Tower of Hanoi is a mathematical game or puzzle consisting of three rods and several disks of various diameters, which can slide onto any rod. The puzzle begins with the disks stacked on one rod in order of decreasing size, the smallest at the top, thus approximating a conical shape. The objective of the puzzle is to move the entire stack to one of the other rods. We developed it using data structure programming principles.

Extra-curricular activities:

- Project Management at ENACTUS (October 2022 – June 2023)
 - Leading the planning and execution of social entrepreneurship projects, coordinating team efforts, and ensuring project objectives align with the club's mission. They oversee project timelines, resource allocation, and stakeholder communication to drive impactful solutions for community challenge.

Skills:

- Microsoft Word, Power Point & Excel
- Presentation and report writing
- Knowledgeable in programming languages including Python, c#, and C++.
- Strong analytical and problem-solving abilities.
- Proficient in manual and automated software testing methodologies
- Strong understanding of software development lifecycle and testing techniques
- Experience with testing tools such as Selenium, JUnit, and TestNG

Courses:

- Effective Test Case and Bug Report Writing Techniques (March 2024)
- ISTQB Foundation Level (March 2024)
- Introduction to Software Testing Concepts & Techniques (March 2024)