

# Abdulrhman Mohamed Gomaa

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## SUMMARY

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A proactive third-year Computer Science student at the Arab Academy for Science, Technology & Maritime Transport. I am actively expanding my skills across a range of programming languages and technologies, with a strong focus on building practical solutions in web development, UI/UX design, and software engineering. I have experience working on real client-facing apps using Figma for UI/UX design, and leading diverse teams through effective collaboration, leadership, and communication.

## PROJECTS

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### **StudyMile**

Created a Java application to assist students with educational planning and progress tracking.

### **Client App UI/UX Design (Freelance)**

Designed a complete UI/UX for a real-world mobile application using Figma, in collaboration with a client. Delivered interactive wireframes and user flows focused on usability and accessibility.

### **Tech Store Project 'Red'**

Led the development of a full-stack e-commerce platform to support online tech sales.

### **StepUp E-Commerce Platform**

Built a comprehensive e-commerce platform with functionalities for product browsing, shopping cart management, and order processing. The platform includes robust admin features for inventory and user management.

### **Rufuf POS System**

Developed a Shiny R-based POS system for supermarkets. Features include a cashier interface, admin panel, and barcode scanning for efficient product management and sales tracking.

### **ByteQuest (VibeCoding Project)**

Built an interactive PyQt5-based quiz game focused on cybersecurity topics such as malware and cryptography. Includes score tracking and gamified UI to support learning.

## EDUCATION

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### **Arab Academy for Science, Technology and Maritime Transport, Cairo**

B.Sc. in Computer Science (Expected 2026)

GPA: 3.65 / 4.0

### **Port Said British School, Cairo**

High School Diploma, 2021

Grade: 97.5

## ACHIEVEMENTS

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### Team Leadership

Team Leader in multiple project-based courses, demonstrating leadership and project management skills.

### Project Innovation

Recognized for outstanding project innovation and implementation in Java and cybersecurity applications.

### Best Project Awards

- **Movie Discussion App** – Awarded Best Project in a Software Engineering course. Developed a platform for users to discuss and rate movies, focusing on UI/UX design, user engagement, and agile development.

- **Rufuf POS System** – Won Best Project in an R programming course. Created a Shiny-based supermarket POS system with a cashier interface, admin panel, and barcode scanning.

### Programming Contest

First Place in college team qualifiers and participated in the **ECP** (Egypt Collegiate Programming Contest), demonstrating strong problem-solving and competitive coding skills.

## SKILLS

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### Programming Skills

Expert in:

HTML

Intermediate in:

C / C++, Java, Python, CSS, PHP, MySQL

Basic in:

JavaScript

**Design & Prototyping Tools** Figma (UI/UX), Wireframing, User Flows, Prototyping

### General Skills

MS Office, Communication Skills, Leadership Skills

### Languages

Arabic:

Mother Tongue

English:

Very good (Writing / Speaking / Listening)