

# Abdelrahman Hamed

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## PROFILE

A third-year Computer and Communication Engineering student at Alexandria University focusing on software engineering and problem-solving. Passionate about developing innovative solutions and contributing to meaningful projects. Always eager to learn, grow, and collaborate on exciting software development initiatives.

## EDUCATION

**Bachelor of Engineering (B.Eng.) in Computer and Communications** 09/2022 – 06/2027

Alexandria University Alexandria, Egypt

- Currently pursuing a bachelor's degree in computer and communications engineering.
- Strong focus on software development and competitive programming.

## SKILLS

- C/C++   • Java   • Problem Solving   • Design Patterns
- Object-Oriented Programming   • SOLID Principles   • Teamwork   • Time management

## PROJECTS

- **Console-Based Bank System** (C, File Handling)  
Developed a simple banking system in a team of five, enabling account creation, deposits, withdrawals, and balance inquiries. Used file handling to store and manage account data persistently.
- **Gym Management System** (Java, OOP, File Handling)  
Built a gym management system to handle member registrations, coach assignments, and gym data management. Designed structured classes and implemented file handling for efficient data storage and retrieval.
- **Simple Social Media Platform** (Java, OOP, Data Structures)  
Worked in a team of four to develop a basic social media system allowing users to create profiles, add friends, and post updates. Utilized object-oriented principles and data structures to manage user interactions.

## HOBBIES

Competitive Programming – Solving algorithmic problems and improving problem-solving skills.

Weightlifting & Fitness – Focused on strength training and muscle building. Pencil

Drawing – Passionate about sketching and creating detailed artwork.

## VOLUNTEERING

**Taqaddam** 12/2019 – 10/2020

Completed the Taqaddam Program, supported by the British Council and HSBC, focusing on personal and professional development. Developed essential soft skills such as problem-solving, leadership, teamwork, and critical thinking through interactive workshops.