

Ahmed Mohammed Shaaban

Back-End Developer

Cairo, Egypt

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Experience

ICPC FCAI CU Trainee

- Participated in ICPC training camp in my college for 1 year
- Solved +200 problems on Codeforces, Atcoder, UVA, and Leetcode
- Participated in ECPC Qualification Round 2022

Projects

Simple Student Affairs Website - [Repo](#)

Tools: Html - Css - JavaScript - Json - Django - Sqlite

Website for student affairs to handle personal students information and register students into departments.

- Employees could perform CRUD operations on students' information
- Used Fetch API to GET/POST data from/to Django server-side
- Ensured data integrity
- Applied MVC design pattern

Candy Store - [Repo](#)

Tools: Java - Sqlite

Simple candy store application where customers can shop using a shopping cart, search for products filtered by name, categories, and brand, and checkout.

- Used JDBC to connect to the database and perform CRUD operations.
- Used JavaMail API to activate customers' accounts with an OTP.
- Applied OOP concepts to implement the application.
- Used a class diagram to model the application classes.

Ask Me - [Repo](#)

Tools: C++ - CSV Files

A Q&A console application.

- Users can view the feed, ask and answer questions.
- Threads made available to users to discuss questions.

- Created a namespace with general-purpose functions.
- Used basic OOP concepts to implement the application.

Readings

Head First Object-Oriented Analysis and Design

- Learned how to analyze and design software systems
- Learned how to use UML to model software systems
- Learned how to go through a process for building software systems

Skills

- | | | | |
|--------------------------------|--------|-------------------|--------------|
| - HTML | - CSS | - JavaScript | - Node.js |
| - Git/Github | - OOP | - JSON | - SQL |
| - C++ | - Java | - Python | - express.js |
| - Data Structures & Algorithms | | - Problem Solving | |

Languages

- | | |
|-------------------|-----------|
| - Arabic (Native) | - English |
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Education

2021 - 2025

Bachelor of Computer Science - Cairo University

Undergraduate at Third Level

GPA: 3.75

Relevant Courses:

- | | | |
|--------------------------|--------------------------------|-------------------------------|
| - Web Technology | - Structured Programming | - Object-Oriented Programming |
| - Software Engineering 1 | - Data Structures & Algorithms | - Databases 1 |
| - Networking | | |