

Profile

I am a passionate about programming with nearly two years of experience in programming especially competitive programming and I have a desire to have an internship to have the chance to apply the software engineering paradigms I learned and work on a real applications.

Education

Elshorouk academy 2021 > 2025

Major: Computer science

Degree: Third Year

Grade: Very good

Skills and Technologies

Competitive programming	800+ Problems on Codeforces
C++	.NET framework
C#	Git & Github
Data Structures	RDBMS with MS SQL server & MySQL
Algorithms	Python
HTML & CSS	Javascript
Django Framework	React JS
Object Oriented Programming	Design Patterns
OOD&A	SOLID principles

Projects

- Tower of Hanoi visualiser**

A Visualizer for the famous problem "Tower of Hanoi" for up to 9 disks and 3 bars visualize the optimal sequence of moves to accomplish the target which is **moving N disks from bar A to bar C**. It is made by C# windows forms
- Flappy birds**

Simple Flappy bird game made with C# windows forms in visual studio
- Supermarket System**

A simple simulator of online store that have many types of users (admin - customer)

 - The admin can add / remove / edit a product or any other data associated to the product
 - The customer can buy products, add cash and after making a purchase he can print the invoice of the products he has bought
 - All the application runs using files and saves data on the files and get them back again on every time the application is opened
 - The system doesn't violate either an OOP principle or a SOLID principle

Experience

- ICPC SHAC** (trainee) fall 2021 > summer 2023
 - There I learned about CP and started learning DS & Algo through three levels (newcomer – junior 1 – junior 2).
- GDSC desktop applications track** (trainee) fall 2022 > summer 2023
 - I learned in this track more about .NET framework, SQL server, ASP.net and other technologies
 - I created and designed the [Supermarket Project](#) by the knowledge I gained in this track

Honors and Rewards

- Got the best member award in database course in desktop applications track in **GDSC**
- Participated in ECPC qualification contest 2021/2022 and 2022/2023