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📊 Codeforces 📺 Youtube

📝 Objective

A Computer science student seeking opportunities to apply and expand my technical skills in a dynamic and collaborative environment, Eager to contribute my **knowledge** in **programming**, **problem-solving**, and **software development** to tackle real-world challenges and continue learning from experienced professionals.

🎓 Education

Pursuing a Bachelor Degree in Computer Science, Faculty of Computer and Information Sciences, Ain Shams University [FCIS-ASU]

2020 – 2024 | Cairo, Egypt

GPA

- 1st Year: **[B+]** 3.2 Very Good
- 2nd Year: **[B+]** 3.4 Very Good
- 3rd Year: **[B+]** 3.2 Very Good

🧠 Technical Skills

- **OOP** • **Data Structures** • **Algorithms**
- **Problem Solving** • **Competitive Programming**
- **C++** • **C#** • **Java** • **Python** • **SQL Database**
- **OS Fundamentals** • **Machine Learning** • **NLP**
- **Git-GitHub** • **Compiler Theory** • **Linux**
- **SWE** • **System Analysis & Design**

🏆 Competitions & Certificates

- **ECPC '23 Competition** [🔗](#)
Gain **11th** Place among FCIS Teams [83 teams]
- **ECPC '22 Competition** [🔗](#)
- **ECPC '21 Competition** [🔗](#)
- **Google Hash Code '22 Competition** [🔗](#)
- **Meta Hacker Cup '22 Competition** [🔗](#)
Qualified to Round 1 and Round 2
- **HackerRank Problem Solving Assess [Basic]** [🔗](#)

📁 Projects

Property Finder System [🔗](#)

Software that simplifies the process of finding properties for sale or rent

- **.Net Application** linked with **SQL Database**
- Programming Language: **C#** - **SQL Database**
- **Software Engineering** course project

Mini Amazon Application [🔗](#)

- **Data Structures** course project
- The project utilizes fundamental & advanced **Data Structures** in **C++**

Tiny Programming Language Compiler [🔗](#)

Fully implemented scanner and parser for Tiny compiler

- **.Net Application** - Programming Language: **C#**
- **Compiler Theory** course project

Flappy Bird Game [🔗](#)

Take the **11th** place among my colleagues

- **Structured Programming** course project
- Programming Language: **C++** - GUI: **SFML**

Black Jack Game [🔗](#)

- **OOP** course project
- Implemented using **Java & OOP Concepts**
- Simple GUI using **JavaFX**

FOS Operating System [🔗](#)

- **Operating Systems** course project
- **FOS Memory Management Module**
- Programming Language: **C**





NLP Topic Modeling Classification [🔗](#)

- **NLP** course project
- Implemented using **NLP** algorithms in **Python**


Game Application Success Prediction [ML] [🔗](#)

- **Machine Learning** course project
- **Regression** and **classification** models in **Python**



Competitions & Certificates

- **acmASCIC Treasure Hunt Competition** 
 - Held by acmASCIS community ASU
 - My team gained **Third Place** among 30 teams
- **FCIS Data Structures '22 Competition** 
 - Winner of Data Structures '22 competition among my colleagues.
 - Certified by my instructor Dr.Hanan Hindy 
- **The Art of Data Structure '21 Competition** 
 - Made by the OSC community ASU.
 - My team gained **Second Place**, overall teams


Summer Trainings & Workshops

ApplAi Machine Learning Workshop '23 
Held by ApplAi community ASU


RoboTech Summer Training '21

- Held by RoboTech community ASU
- Gain **First Place** in **Software** [Certificate] 
- Project on GitHub 

Linux Workshop '22 
Held by the OSC community ASU

UI-UX Summer Training '22 
Held by Support community ASU

Projects

Service Cancellation Prediction [ML] 

- **AI** course project
- Programming Language: **Python**.
- Using **Machine Learning** algorithms
- GUI: Tinker Library

Student Activity Database

- Programming Language: **SQL** Database
- **ERD**

My Competitive Programming Repository 

My Algorithms Repository 

Languages

- English (Very Good)
- Arabic (Native)