Contact:

Name: Ahmed Sobhy Abd El-Hady Abd El-Rahman

Email: devahmedsobhy@gmail.com

Phone: 01065288245

Country: Cairo, Egypt

LinkedIn: https://www.linkedin.com/in/ahmed-sobhy-8b51811b3/

GitHub: https://github.com/AhmedSobhyToR


Profile Summary:

Faculty of Computers and Artificial Intelligence at Cairo University (Third Level), CS department.

I am a self-motivated person who is willing to go above and beyond on any project, and to learn valuable skills on my own time. I can find my niche within a group and support everyone's efforts. My 3 years in FCAI involved a lot of team projects. I was always able to recognize my teammates' skills and delegated tasks that fit each person's skills.


Technical Skills:

• Advanced Data Structures (e.g., red-black tree, interval tree, suffix tree).

• Algorithms (e.g., hashing, backtracking, sorting algorithms, greedy, graphs).

• Well understanding of solid principles and design patterns.

• UML (e.g., class diagram, sequence diagram).

• Designing an ERD and implementing databases using MS SQL Server.

• Dealing with a range of programming languages, including C/C++, C#, Java, HTML, CSS, JavaScript and Python.


Other Skills:

• Data Compression (Image compression using vector quantization and text compression).

• Computer Graphics (C++).

• High Performance Computing (MPI, C, OpenMP).

• Artificial Intelligence (Building an agent using mini-max or alpha-beta algorithms).

Projects:

• (HTML, CSS, JavaScript) Web Apps:

- Portfolio: https://github.com/AhmedSobhyToR/Portfolio-WebSite

- Student Affair Website: https://github.com/AhmedSobhyToR/Student-Affairs-Website

- iPhone Web Page: https://github.com/AhmedSobhyToR/IphoneWebPage


• (C#, MS SQL Server, ERD) Supermarket: https://github.com/AhmedSobhyToR/SuperMarket-System

•(Python) Connect4: https://github.com/AhmedSobhyToR/Connect4-Game

•(Java) Online Payment Service: https://github.com/AhmedSobhyToR/OnlinePaymentService