Youssef El Shaarawy

youssefhazem217@gmail.com | 01228941352 | Masr El Gedida, Cairo, Egypt
https://linkedin.com/in/youssefsharaawy

ABOUT ME

I am a dedicated student pursuing a bachelor's degree in computing and information Sciences at the EUI, Cairo, Egypt. With a strong foundation in mathematics and coursework covering programming, calculus, digital design, and critical thinking, I've gained proficiency in languages like Python, C, C++, and more. Fluent in Arabic, English, and French with a DELF certificate. My passion for technology and commitment to academic excellence drive me to excel in both my studies and practical projects, eager to contribute to the ever-evolving field of computing.

EDUCATION

EUI | Faculty of Computing and Information Sciences　　　　　　　　　New Administrative Capital, Cairo, Egypt
Bachelor's degree　　　　　　　　　　　　　　　　　　　　　　　　　　　November 2022 – Present
- Relevant Coursework: Introduction to Computing and Programming, Programming Fundamentals, Calculus I, II, Digital Design and Logic, Data Structures, Introduction to Probability and Statistics, Computer Architecture and Organization, Computational Linear Algebra.

Groupe Scolaire Oasis　　　　　　　　　　　　　　　　　　　　　　　　Cairo, Egypt
Thanaweya Amma Math Section　　　　　　　　　　　　　　　　　　　　Septembre 2008 – July 2022
- French Thanaweya Amma graduate.

SKILLS & CERTIFICATES

- **Programming Languages:** Python, C, C++, C#, Scala,
- **Frameworks & Libraries:** NumPy, Pandas, Microsoft Azure, Amazon Web Services, Google Cloud Services
- **Languages:** Arabic native proficiency, English & French fluent proficiency.
- **Certificates:** DELF

PROJECTS

Career Navigator Chatbot
Scala, Python
Functional programming, Machine Learning, Web scrapping, Web App　　　　　　　April 2024-May 2024
- A comprehensive career navigation platform with a robust Scala backend and a sleek Python frontend, optimizing the tech industry job search experience.
- Data-driven chatbot that tailors responses based on user input, providing personalized career advice and insights.
- Employed web scraping and API integration to fetch the latest job offerings from LinkedIn, ensuring users receive up-to-date job opportunities.

Anghami Clone　　　　　　　　　　　　　　　　　　　　　　　　　　　*C++*
Software Engineering　　　　　　　　　　　　　　　　　　　　　　　　　Decembre 2023 – January 2024
- Developed a music player application as a CS213 Data Structures project, emulating the layout and features of anghami using C++ and Windows Forms.
- Utilized linked lists, queues, and stacks for efficient playlist management and playback control.
- Demonstrated proficiency in OOP, algorithms, and data structures to deliver a functional and engaging music streaming experience.

Library Management System　　　　　　　　　　　　　　　　　　　　　*C++*
Object Oriented Programming　　　　　　　　　　　　　　　　　　　　　April 2023 - May 2023
- Designed and implemented a library management system for my Programming Fundamentals Class.
- The system manages a book library and allows customers to borrow/return books from the library. The project utilizes OOP concepts such as inheritance and polymorphism.

Student Management System　　　　　　　　　　　　　　　　　　　　　*Python 3*
File Handling, User Authentication, User Interface, Database Integration　　　　Decembre 2022 - February 2023
- A student management system written in Python for my Introduction to Computing Class.
- Handles 3 types of users: student, faculty, and admin.
- All data was reported in CSV format and operated by different algorithms specific to each use.