Seif El-Din Medhat

Phone: (+02) 01019803617

Email address: Seifmedhat.sm@gmail.com

Address: Sheikh Zayed City , Giza , Egypt

Professional summary

Highly skilled computer science student .I am a dedicated, organized and methodical individual. I have good interpersonal skills, am an excellent team worker and am keen and very willing to learn and develop new skills in my specialized career.

Internships programs

University of Nizwa – College of Computer Science & Information Systems

Nizwa, Sultanate of Oman | June 30, 2024 – July 28, 2024

Key Areas of Training:

• Multimedia Systems

• Software Project Management

• Introduction to Computer Security

• Computerized Accounting

• Data Structures & Algorithms Design

• Object-Oriented Programming

• On-Campus Case Study Project

• Field Trip to Muscat Stock Exchange (MSX)

Achievements:

• Demonstrated outstanding performance

• Strong commitment to work hours

• High respect for colleagues and professional conduct

• Gained hands-on experience in cross-functional tech projects aligned with industry standards

• Developed skills in analyzing complex systems and designing software solutions

• Participated in a live case study project simulating enterprise IT challenges

• Observed financial technology operations during an institutional visit to **MSX**

• Demonstrated exceptional performance, time management, and professional conduct in a multicultural setting·Developed skills in analyzing complex systems and designing software solutions

• Observed financial technology operations during an institutional visit to MSX

Courses

Full stack development Track course, Udacity

Mar 2021 - Jun 2021

- HTML Program, Got acquainted how the web works and how to create web pages
- CSS Program
- Python Program

The complete C++ Developer Course, Udemy

Jun 2022 - Aug 2022

- Mastering the fundamentals of C++ Programming
- Developing terminology skills related to software development
- Building Custom data structures with array and link-based approaches
- Implementing Stack and Queue
- Applying procedural and object oriented concepts and syntax

Object oriented programming Course "OOP" , Udemy

Feb 2024 - May 2024

- Creating programs using generic programming approaches & exception handling
- Developing programs using constructors and poly- morphsim

CyberSecurity Course - Information Technology Institute

April 2025

- Completed an intensive micro- course that delivers an executive overview of modern cybersecurity fundamentals. Key take- aways:
- Threat landscape awareness – recognised current attack vectors (malware, phishing, social engineering) and their business impact.
- Security by design principles – applied least- privilege, defence- in- depth and zero- trust concepts to small- scale network scenarios.
- Protective controls – evaluated baseline safeguards: multi- factor authentication, endpoint protection, encryption, secure browsing and patch management.
- Incident- response essentials – walked through the NIST response cycle (prepare, detect, contain, eradicate, recover) and basic log- analysis techniques.
- User centric risk reduction – developed best- practice guidelines for secure passwords, safe email/IM usage and mobile- device hygiene

Python Programming Basics - Information Technology Institute

April 2025

- Structured foundations – mastered Python syntax, data types (strings, lists, tuples, dictionaries), operators, and control structures (conditionals, loops) for clean, readable code.
- Functional programming basics created and invoked user- defined functions, leveraged *args/**kwargs, and applied lambda expressions to promote modular design and reusability.
- File & data handling performed text and CSV I/O, practiced exception handling, and utilized the OS and pathlib libraries to automate routine file system tasks.
- Standard- library fluency employed datatime, math and random modules to solve real- world problems without external dependencies.
- Debugging & testing discipline used the interactive REPL and pdb to trace logic, and introduced unittest for basic test driven validation.
- Assessment performance achieved the required benchmark score in a timed capstone quiz featuring code tracing questions and hands on script challenges.

Education

Bachelor of Computer Science , Misr University of Science and Technology,

 6TH of October, Egypt

October 2023 - Present

GPA :- **3.6**

Languages

English (Level B1)

Arabic mother language

Technical Skills

- Microsoft Office
- **Database:** MySQL
- Open Source Contribution
- Technical Documentation
- **Web Technologies:** HTML, CSS
- **Operation Systems:** Windows, Linux
- **Programming Languages:** C++ , Python

Interpersonal Skills

- Multi-Tasking Skills
- Attention to details
- Team Working Skills
- Adaptability and flexibility
- Problem solving and critical thinking
- Communication and Presentation Skills