

Youssef Mohamed Hussein

Faculty of Computer Science

CONTACT

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15/11/2005

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PROFILE

Seeking a training where I can apply and enhance me at system programming as (software engineer).

SKILLS

- Leadership
- Communication
- Creativity
- Problem solving
- Organization
- Teamwork

EDUCATION

Misir International University - Semester 3

School: Thebes language school

Language

- English: Excellent
- French: Fair
- Arabic: Native

Certifications

- Responsive Web design (FreeCodeCamp)
- Mastercard-Cybersecurity Job Simulation (Forage)

EXPERIENCE

- ❖ Worked on Bank management system project Using C++ for Problem solving.
- ❖ Worked on Library management System project backend and GUI using Java and JavaFx for OOP
- ❖ Word Frequency Counter by Red black Tree backend and GUI for Data Structure using C++ and QT.
- ❖ **E-Commerce Jewelry Store – Full Stack Web Project**
Developed a responsive jewelry e-commerce site using **HTML, CSS, JavaScript** (front-end) and **Node.js, Express.js, MongoDB** (back-end). Implemented product listings, shopping cart, user authentication, and order forms. Used **GitHub** for collaboration
- ❖ **Network Project** :Led the design and implementation of a full network topology including VLSM, VLANs, OSPF/EIGRP routing, DHCP, NAT, VPN, and wireless configuration. Ensured full connectivity and documented all configurations and testing.
- ❖ **Algorithm Project – Password & Plate Checker**
Designed and implemented two systems: a **Dynamic Programming-based password validator** for secure rule-based generation, and a **Greedy algorithm-based license plate checker** for fast format validation. Conducted comparative analysis and documented findings in a research paper on algorithm efficiency in pattern verification.

ACTIVITES

- IEEE MIU club Head of Event Planning
- ACPC MIU public relations member.
- Move MIU club as volunteer