Mohamed Moghazy

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Alexandria,Egypt

EDUCATION

Bachelor of Engineering in Computer Engineering, Arab Academy For Science And Technology
And Maritime Marine, Alexandria branch   2019 - 2024
Bachelor of Engineering in Computer Engineering, University Of Northampton, United Kingdom
(Dual Degree)   2019 - 2024

PROFESSIONAL EXPERIENCE

Web Development Intern, Alex Transfusion   June 2022 - August 2022

- Maintained high productivity in a team environment.

- Supported staff, reducing workload and focusing on high-priority tasks.

- Analyzed problems and developed solutions as a teamwork.

- Had hands-on experience with some software programs.

- Interacted with customers to provide information.

- Talked with senior management to discuss new things.

- Used JavaScript, HTML, and CSS to develop interactive web applications.

- Contributed to successful project completion through code reviews and team collaboration.

AASTMT-Student Union- Volunteer, Arab Academy   November 2023 - July 2024

- Organization committee member.

PROJECTS

Voice Control Wheelchair (Graduation Project)

- Designed a wheelchair controlled by the user's voice using 2 camera detection and a 1 voice module
  and 2 motors with 1 Arduino Mega and Raspberry Pi4.

- Convert the voice input into text for obstacle detection and route optimization, sending signals to
  the motor to start moving.

Gaming Website (Course Project)

- Developed a small gaming website using HTML, CSS, Bootstrap, JavaScript, and PHP for a web
  engineering course.

physical clothing store (Course Project)

- created database for a clothing store using Xampp.

- Contains the workers' ID, salaries, age, job titles, working hours, etc.

- The products in the store with their ID, suppliers, availability in stock, and other things.

- The customer name, phone number, items selected, receipt, and type of payment.

Vulnerable Website (Course Project)

- Designed web page that contains a vulnerability called Xss.

- The web page has 3 login pages.

- First one is reflected XSS.

- The second one is stored XSS.

- The third one protects the web page from this attack and makes it safe.

TRAINING CERTIFICATES

- **AITB** - Web Development

- **Digital Hub** - Machine Learning, Deep Learning

- **ICTHub** - Data Analysis

- **IBM-Coursera** - Full Stack Software Developer Assessment

- **IBM-Coursera** - Introduction to Data Analytics

SKILLS

Programming Languages:
SQL, Python, Assembly Language, C++, Java, C Sharp, ML, Deep learning

Web Development:
JavaScript, HTML, CSS, Bootstrap, PHP, React.Js, web security

Tools and Technologies:
Visual Studio Code, Matlab, Power BI, Intellij, Code Blocks, Google Colab

Cyber Security:
Kali Linux, Metasploit, Portswigger, TryHackme.

Hardware:
Raspberry Pi4, Arduino (Uno, Mega), ESP32, LDR Sensor, Ultrasonic Sensor

Databases:
Microsoft SQL, Xampp

Soft Skills:
Teamwork, Time Management, Problem-Solving, Leadership, Communication, Fast Learner, Positive Attitude, Active Listening, Team Collaboration, Hardworking, Open-mindedness, Curiosity, Logical reasoning