

ABDULLA HISHAM ELDIN

Web Developer

CONTACT INFORMATION:

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Location: 6 October, Giza , Egypt

OBJECTIVE:

I'm aiming for a Full Stack or Front-End Developer position where I can utilize my Angular framework skills and .Net Framework. Open to full-time, part-time, or internship opportunities to contribute effectively and grow professionally.

EDUCATION:

- Bachelor of Computer Science:

Dual Degree from October University for Modern Science and Arts (MSA university) and the University of Greenwich UK (Sep. 2019 - Jun 2023).

Graduation Project Grade: A

TRAINING & COURSES:

- **ROUTE ACADEMY COURSE:**

Currently In roll Full stack web development course 10 month online:

Back-end: dot Net Framework (Currently In roll)

Front-end: Angular 16 framework (Oct. 2023 - Mar 2024)

- **COMPLETED** WEB DESINE TRAINING FROM ITI (2023)

- **COMPLETED** HCIA-AI FROM HUAWEI (2023)

- **COMPLETED** AWS Academy Cloud Foundations" badge from Amazon Web Services Training and CERTIFICATION, (2022)
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PROJECTS:

2024, Graduation Project, Front-end Course:

Led the development of a solo E-commerce application as a Graduation Project, utilizing Angular 16 for front-end development. Integrated provided backend from Route Academy into the project.

E-Commerce Project:

https://roboticmakmak.github.io/E_Commerce

2023, Graduation Project, MSA University:

Worked solo project about **Cervical Spine Fracture Detection**.

Objective: Labeling Vertebrae, Identifying Fractures

Process & implementation: Applied random forest classification, Applied EffNetV2 classification on ImageNet 1000.

Results: predicted the labeling of the vertebrae with a percentage of 96%, predicted the fracture detection of the patient if he has fractures or not.

Tools: Python, PyTorch, OpenCV, YOLO, Kaggle, Keras etc.

2023, WhatsApp Security Project, MSA University:

Participated in a group project of four members to develop like WhatsApp - Secure Chatting App with Multiple Encryption Methods," a socket-based chatting application enhanced with AES, DES, RSA, and ElGamal encryption methods Programmed with python and C#, and secured by Diffie-Hellman key exchange for communication between clients on separate laptops. Took charge of developing the AES encryption module and actively contributed to the implementation of the Diffie-Hellman key exchange component.

Tools: Python, C#.

2023, Interactive System for Assisting the Visually Impaired, MSA University:

Worked **closely with a partner**. Prioritizing the use of innovative technology to enhance the daily lives of individuals with visual impairments. we shared responsibilities equally, with my focus on designing the user interface and managing output and sounds. The project integrates cutting-edge components such as a camera, speech synthesis, eye gaze tracking, object detection, facial recognition, and emotion detection.

Tools: Python, C#, Keras, OpenCV, NumPy, MediaPipe, deepface, TUIO.

2022, Image Processing Filters, MSA University:

Worked as a **Group Leader** of four members in implementing spatial domain and frequency domain filters from scratch using Python. Orchestrated the development of a user-friendly Graphical User Interface (GUI) to elevate user experience. Spearheaded the implementation of spatial domain filters including the average filter, Sobel filter, and Robert Cross filter, among others. In the frequency domain, orchestrated the implementation of filters such as histogram equalization.

Tools: C#

ACTIVITIES:

2020, IEEE Technical Field Student Activity, MSA University:

- Learned new technology from other facilities.
- Provided technical help for another student.

PARTICIPATION:

2023, Nominated to participate in the Deep Minds In MSA:

HARD SKILLS:

- Programming: C++, C#, Python, Microsoft SQL.
- Web development Front-End: HTML, CSS, Bootstrap, jQuery, JavaScript, TypeScript, Angular 16
- Software: MS Office, Photoshop
- Language: English, Arabic

PERSONAL INFORMATION

- Birthdate: 25/4/2001 Born in Kuwait
- Military Service: Exempted.
- Delivered a presentation on my graduation project and WhatsApp security, showcasing expertise in both topics.

Participated in ICPC competition in 2023.