

Salma Mohamed Elsayed Mahmoud

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WORK EXPERIENCE

COLLEGE OF ARTIFICIAL INTELLIGENCE, ARAB ACADEMY FOR SCIENCE, TECHNOLOGY AND MARITIME TRANSPORT

Teaching Assistant

Feb 2021 - Present

EDUCATION

COMPUTER AND COMMUNICATION DEPARTMENT (SSP), FACULTY OF ENGINEERING, ALEXANDRIA UNIVERSITY

Bachelor of Engineering

Sep 2016 - Jul 2021

Major in Computer Engineering; Minors in Communication Engineering

Cumulative GPA: 3.84/4.0 (97.2 % , Excellent with honor)

Relevant Courses:

- Software Engineering
- Operating Systems
- Algorithms
- Artificial Intelligence
- Computer networks
- Programming language translation
- Database systems.

EL-MANAR ENGLISH LANGUAGE SCHOOL, ALEXANDRIA, EGYPT

Grade: 97.8%

2002 - 2016

TECHNICAL SKILLS

TRAININGS

- Game development IEEE training Jul 2018 - Aug. 2018
- ACM winter training Jan 2019 - Feb 2019
- Machine learning summer training course, Alexandria University Jul 2019 - Sep. 2019

PROJECTS

TRAFFIC SIGN DETECTION ON NAO ROBOT

Sep 2023

- Designed and implemented real-time traffic sign object detection using YOLO v8 object detection model and deployed it on NAO robot .

FACE MASK DETECTION APPLICATION ON SMART MIRROR

Jul 2022

- Designed and implemented a real time face mask detection application using Mobilenet deep learning model and deployed it on smart mirror

HEALTHFIX WEB APPLICATION- GRADUATION PROJECT

Mar 2021

- Designed and implemented a medical appointment booking web application using Laravel and React.
- Enabled users to search for a doctor, book a medical appointment with him, follow a doctor to see his medical posts and donate with medical equipment or a medicine.

PAINT Mar 2018

- Designed and implemented a paint program using Java.
- Enabled users to draw different shapes, color and save them .

MAZE RUNNER GAME Mar 2018

- Designed and implemented a simple 2D maze game using Java and Unity.
- Enabled users to pass a maze, collect gun bullets, and avoid bombs in the maze.

IMAGE CLASSIFICATION MODEL Aug 2018

- Designed and implemented an image classification machine learning model using Python.
- Classified cats and dogs images using machine learning.

SIC/XE ASSEMBLER Mar 2019

- Designed and implemented a 2-phase sic/xe assembler using Java.

TEXT COMPRESSION AND DECOMPRESSION PROGRAM Dec 2019

- Designed and implemented a text files and folders compression and decompression program on the basis of Huffman algorithm using Java.
- Enabled users to compress and decompress text files and folders

SOCIAL NETWORK PROJECT Jun 2020

- Designed and implemented a social network project using PHP, Javascript, HTML and CSS.
- Enabled users to make posts, send and confirm friend requests.

BEARINGS SHOP SYSTEM Nov 2020

- Designed and implemented a bearings shop system using Java.
- Enabled users to add items in the shop to the system and save transactions in the shop

LANGUAGES

- **Arabic:** Mother tongue
- **English:** Very good (C1)
- **French:** Good (B1)
- **German:** Fair (A1)

SOCIAL SKILLS

- Teamwork spirit: I have worked in various types of teams from the university.
- Team leader of the graduation project.
- Working under pressure.