

YOUSSEF AHMED HUSSEIN

+201110573395 • youssefhussein03@yahoo.com

SUMMARY

Highly motivated Mechatronics Engineer with a profound passion for Automation and Robotics. Proved ability to work, manage, and lead projects efficiently, strongly underpinned by a strong-responsible work ethic and excellence. Skilled in designing, implementing, and optimizing automated systems using Arduino programming and automatic control methods.

EDUCATION BACKGROUND

Bachelor in Mechatronics Engineering	2020 - 2025
Egypt Japan University for Science and Technology	3.3 GPA

IGCSE Curriculum	2019
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Future Language School (Alexandria, Egypt)

IGCSE Curriculum	2017-2018
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English Modern School (Doha, Qatar)

TECHNICAL SKILLS

Robotics:

Kinematics and Design

Automatic Control:

Modelling, Designing and Implementation using LabView

Artificial Intelligence:

Design of ANN, CNN, RNN and Reinforced Learning using TensorFlow

Programming:

Python, C, Arduino C and XML

Design:

Mechanical, Electronic and Embedded Design

Microsoft Office:

Powerpoint and Word

COURSES AND EXPERIENCE

Artificial Intelligence Basic Level Course, <i>Telecom Egypt, WE</i>	Aug. 2024 - Sep. 2024
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Embedded System Diploma, <i>Smart Technology</i>	July. 2023 - Nov 2023
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Car Mechanics Training, <i>Nour Eldin Elsherif Center</i>	Aug 2023
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Robotics level 2 (Including 10 Robotics Projects), <i>Smart Technology</i>	June 2023 - July 2023
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Robotics level 1 (Including 10 Robotics Projects), <i>Smart Technology</i>	Jan. 2023 - Feb. 2023
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Mechanical Engineering Internship, <i>Enppi Academy</i>	July 2022 - Aug 2022
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CS50 (Introduction to Computer Science), <i>GDSC E-just Club</i>	April 2022 - May 2022
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ACHIEVEMENTS

2019 Top in Qatar

Cambridge IGCSE - English as a Second Language (Speaking Endorsement)

ACTIVITIES

Graduation Project in Collaboration with Si-ware

Working on the development and design of a state of the art gas meter that uses spectroscopy to detect and determine gases

Public Image Director, Rotaract E-Just

Vice Head Logistics Committee , Dragons EJUST Club

HR Volunteer , EJUST IEEE Branch

Planetarium Science Center Volunteer (PSC)

Logistics Member , Hult Prize EJUST Club

Logistics Member , Dragons EJUST Club

HR Member , Enactus EJUST Club

LANGAUGES

Arabic: Mother Language

English: Highly Proficient in Speaking and Writing