YASMIN ALAA ELDINE HASSAN KHATTAB

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G,Talaat Mostafa street, El-Thaghr compound near DHL, Alexandria, Egypt
August 13th , 1996

SKILLS

Robotics and Mechatronics systems

Modelling and Control

Solidworks Software

Matlab Software

Programming skills

Research, Communication and Presentation skills

LANGUAGES

Arabic

English

EDUCATION

Secondary Education system — 2014
El-Kowmeya Girls' College, Alexandria Egypt
Graduated with 97.8% of the total score

First year of Engineering — 2015
Faculty of Engineering, Alexandria University (SSP) , Alexandria Egypt
Completed the first year of Engineering with a GPA of 3.78 and then got transferred to the AASTMT

Bachelors of Mechanical Engineering — 2019
Arab Academy for Science and Technology, Faculty of Engineering Mechanical department, Alexandria Egypt
Graduated with GPA 4.0/4.0 Excellence with honor.
Bachelors Project: Design and Control of a Prosthetic Hand (Grade A+).
Joined the ROV (Remotely Operated Vehicles) team, ABYDOS as a member of the mechanical department.

Master of Science in Mechanical Engineering — 2022
Arab Academy for Science and Technology, Faculty of Engineering Mechanical department, Alexandria Egypt
Finished the eight elementary Mechanical Subjects (Masters of Engineering.
Thesis Point of Research: Trajectory Control of a Laparoscopic 3-PUU Parallel Manipulator Based on Neural Network in
Simscape Simulink Environment.

EMPLOYMENT

Graduate Teaching Assistant — 2019-2021
Arab Academy for Science and Technology, Faculty of Engineering Mechanical department, Alexandria Egypt

Teaching Assistant — 2021-Present
Arab Academy for Science and Technology, Faculty of Engineering Mechanical department, Alexandria Egypt

PUBLICATIONS

- "Trajectory control of a laparoscopic 3-PUU parallel manipulator based on neural network in SIMSCAPE SIMULINK environment", *Alexandria Engineering Journal* (2022)

- " Solving Kinematics of a Parallel Manipulator Using Artificial Neural Networks", *31st International Conference on Computer Theory and Applications (ICCTA 2021),* (2021).