MOHIEDDINE KHALED

ELECTRICAL ENGINEER

With emphasis on Robotics and automation

Contact Info

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Certificates & Awards

- Intermediate Machine Learning: Tensor Flow on Google Cloud
  10/2021 - 11/2021

- Crash Course on Python - Coursera | Google
  2/2022 - 3/2021

- Using Python to Interact with the OS - Coursera | Google
  3/2022 - 4/2022

- Introduction to Git and GitHub - Coursera | Google
  3/2022 - 4/2022

- MUBS - Science Rally: 1st Place
  10/2017 - 11/2017

Relevant Skills & Courses

Python, C, C++, LabVIEW, Linux, Assembly, Object Oriented Programming, Matlab, Simulink, Proteus, Machine Learning & AI, AutoCAD, Revit (3D CAD), Troubleshooting

My Languages

Language	
Arabic	● ● ● ● ●
English	● ● ● ● ○
French	● ● ● ● ○
Turkish	● ● ● ○ ○
Spanish	● ● ○ ○ ○
German	● ● ○ ○ ○

Career Objectives

"An aspiring electrical engineer that enjoys connecting the dots: be it ideas from different disciplines, people from different teams, or applications from different industries.. Having interacted with softwares like Matlab, Simulink and LabVIEW through numerous university projects, I am excited to use these skills the field of computer vision, that can change the lives of so many people."

Education History

September 2017 - Present
Msc. Electrical Engineering | Saint Joseph University
Average Cumulative Score: 14/20

August 2003 - 08/2017
Lebanese Baccalaureate | General Science
Ecole Saint Vincent de Paul
Average Score: 15.4/20 with honors

Personal Projects

December 2021- Present
Garbage Sorting Robot
Designed and integrated a garbage sorting robot able to sort waste based on type with limited sensors and actuators using LabVIEW.

March 2021 - May 2021
Unmanned Ground Vehicule (UGV)
Designed and constructed an autonomous vehicle able to push opponents out of a ring while achieving excellent edge detection and search functions.

January 2020 - May 2020
Home Automation
Designed and tested a Home Automation system using Arduino that is able to receive orders from an android mobile application and control home appliances.

Work Experience

July 2021 - August 2021
Electrical Engineering Intern | Smart Systems Solution
- Assisted in the electrical and mechanical installation of elevators.
- Accelerated rate of work by 1.5 times through daily planning and report delivery.
- Learned and applied norms and standards related to electrical and mechanical safety.

May 2020 - August 2021
Teacher | Modern Training center
- Motivated Students with innovative lesson techniques like active learning.
- Elevated students' average by 50% in maths and physics .
- Managed time in order to individualize courses according to students' strenghs and weaknesses.