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Motivation Letter

I am an electrical engineer and currently an M2 student in IoT and smart system student and third year computer science student. I am hardworking and self-motivated looking for an opportunity to improve my information and skills. I am interested in everything related to programming and engineering and would like to gain more knowledge and experience in this field.

Education

[2022– 2023]	Master 2 in IoT and Smart System
Institution Name:	Faculty of Engineering -Lebanese University
[2019– 2022]	Engineering Degree in Electricity and Electronic Department
Institution Name:	Faculty of Engineering Branch III-Lebanese University
[2019– 2023]	Computer Science
Institution Name:	Faculty of Science Branch III-Lebanese University
[2016 – 2017]	Baccalaureate Degree
Institution Name:	Tyer Official high School

Experience

- Software Developer internship in Whitestork company, through this internship I used and learned Rust programming language I worked as a backend developer .
- IOT project internship trying to connect any appliance to internet and a mobile application using ESP-32 at Smartec Technology.
- Electrical installation internship. Autocad program is used to do different plans including lighting, sockets, fire alarm, low current ,etc..

Projects

- Data analysis project using python ,and different libraries of AI using jupyter notebook. It does some data cleaning and training of the data and trying to remove error data from the data set. The data set is about data for a battery.
- Speech Recognition using CNN project. An overview about the process and how it is done.
- Face mask detection using python, which detects a human face and test if a mask is found or not which helps being safe from corona virus. OpenCV ,Numpy and other libraries were used .
- Smart agriculture project which reads data from sensors and send it to the subscriber using esp32 and mqtt.
- Web page about adding ,editing and deleting a note from a list using angular .
- Smart automated home system project using Proteus and C language including light, door lock, fire alarm, air conditioner and water tank. The system provides safety, comfort, and simplicity.

- C++ program to manage the entering and leaving of the products in an inventory.
- Restaurant website using HTML5, Javascript and CSS.
- Horizon School Cisco configuration. Full package of connections, ip addressing, and configuration is well done.

Skills

- Great knowledge in Python ,C,C++,assembly code for microcontroller,python, HTML5, JavaScript, CSS ,Java ,angular,and Rust.
- Good knowledge in using github and gitlab.
- Some Linux commands knowledge.
- Good knowledge in using the following programs: Proteus, AutoCAD, LabVIEW, Keil, Packet Tracer, Visual Studio Code,Docker,Matlab and Logisim.
- Excellent Knowledge in all Microsoft programs(Word,Powerpoint,Excel...)
- Good English language .
- Ability to learn fast and working under pressure.
- Highly organized, efficient and can adapt with any project topic.