

Objective

A passionate and enthusiastic individual with excellent research, critical thinking, and data analysis skills aspiring for a challenging job at a reputable company which will allow me to realize the full potential of my talents and knowledge, collaborate with a team to achieve the goals set, and strive towards betterment and excellence in the sector.

Education

BACHELOR OF ENGINEERING | 2018 - 2022 | RAFIK HARIRI UNIVERSITY

Major: Mechatronics Engineering GPA: 3.5

Minor in Mathematics

EXCHANGE STUDENT | JUL 2017 - AUG 2017 | VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Summer 2017 - Department of Computer Science

Related Courses

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| • Control System Design | • Measurements & Instrumentation | • PLC Programming |
| • Dynamic System Design | • Mechanical Design | • Product Design and Development |
| • Electric Machines | • Mechanisms & Dynamics of Machinery | • Renewable Energy |
| • Engineering Graphics & CAD | • Microcontrollers | • Robotics |
| • Introduction to AI | • Numerical Analysis | • Sensors and Actuators |
| • Introduction to Programming | | • Vibrations and Acoustic |
| • Manufacturing Processes | | |

Experience

INTERN | 3D MAKER SHOP | JUN 2022 – AUG 2022

■ Worked with a team to develop a strategy for creating kits that teach robotics and Arduino ■ Designed products from scratch on SOLIDWORKS and 3D printed them ■ Researched creative methods to teach the basics of robotics ■ Developed a format for a brochure that extensively explains the role of microcontrollers and sensors used in the kit ■ Efficiently used and maintained 3D printers and all related equipment

INTERN | FISH FARM STARTUP | JAN 2022 – APR 2022

■ Effectively researched fish farm methods to ■ Work with a team and Design and develop an optimized water tank using advanced pumping systems and AI models for an aquaculture startup in Lebanon

INTERN | JCC ARACO GROUP | JUN 2020 – AUG 2020

■ Overlooked the maintenance of vehicles ■ Managed and organized vehicle part directory ■ Analyzed problems related to vehicle/part failures

INTERN | THE MAKERS HUB | MAY 2018 – AUG 2018

■ Creating and CAD Models 3D designs ■ 3D printing and woodworking ■ Planned and developed timetables for events and communicated with all parties involved

EXECUTIVE TEAM MEMBER | ALL GIRLS CODE | JUN 2016 – JUL 2020

■ Planning for workshops and events for members of an award-winning Lebanese initiative that provides young MENA-region women with tech-immersive programs.

Skills & Abilities

- Software: SolidWorks, AutoCAD, Fusion 360, MATLAB, LabVIEW, Arduino IDE, PLC, ANSYS
- Languages: C, C++, Python, Java, JavaScript, Linux Ubuntu, ROS, Ladder Logic
- Microsoft Office: Excel, Word, PowerPoint
- Research and Analysis
- Working independently and in teams
- Excellent Verbal, Written and Presentation Skills
- Excellent time management skills

Languages

- Fluent (verbal and written) in Arabic and English
- Intermediate (verbal and written) in French

References

Professional and academic references available upon request.