



OUSSAMA MATAR

MECHATRONICS ENGINEERING STUDENT

/ PROFESSIONAL GOALS

I aim to attain an engaging position in fields that can put my abilities into use. I hope to create innovative projects in engineering, programming, and development.

/ GET IN TOUCH

- > Email: oussama.matar@outlook.com
- > Phone: +961 70 730 432
- > LinkedIn: /in/oussama-matar
- > GitHub: /oussamamatar
- Address: Mount Lebanon, LB

/ COMPETENCIES

■■■■■ Advanced

- > WordPress
- > Android Studio
- > Firebase
- > SQL & SQLite
- > AutoCAD 2D & 3D
- > Arduino IDE
- > C++
- > SOLIDWORKS
- > Linux
- > C#

■■■■ Intermediate

- > Python
- > Java
- > Tensorflow
- > ROS
- > LabVIEW

/ WORK EXPERIENCE

>> Full Stack Web Development using WordPress

Freelancing | January 2020 - January 2021

Created physical and prototype designs and functions for websites. Registered official online projects with search engines for optimized website traffic.

>> Hackathons and Competitions

- > Won 2nd place in Beirut AI Agri-Hackathon (Created a Machine Learning AI model to diagnose hydroponic plants with Python and Tensorflow)
- > Won 2nd place in MIT 2020 Lebanon Challenge
- > Won 3rd place in Future Health Hackathon

/ NOTABLE PROJECTS

>> Robotics Operating System

- > Programmed a Husky robot to autonomously navigate a terrain which is simulated in Gazebo.
- > Edited and viewed the URDF model, sensor packages, nodes, costmaps, and planners.

>> Mobile Development Final Project

University Course | Attained an A+

- > Programmed a social media and announcement application that communicated via Firebase cloud.
- > Used Android Studio (Design + Java implementation)

Database Management Systems Course

University Course | Attained an A

- > Programmed a project where database (cloud and local) systems communicate with a desktop and a mobile application for an ambulance management system.

See more on [My Development Portfolio](#)

/ EDUCATION HISTORY

>> Rafik Hariri University

BE Mechatronics Engineering | Sept 2018-Jul 2022

- > Minor in Computer Science
- > Minor in Mathematics
- > Member of the American Society of Mechanical Engineers (ASME)
- > Major GPA of 3.4 on a 4.0 scale

/ WORKSHOPS & CERTIFICATIONS

- > Coursera Certificate: Introduction to HTML5 Course
- > University Workshop: Introduction to HTML and CSS
- > University Workshop: SOLIDWORKS 3D Modeling
- > Beirut AI Bootcamp Workshop and Beirut AI Weekend
- > University Technical Courses: Android Application Development, Operating Systems (Linux scripting and server hosting)

