



Abbas Farhat

Electrical Engineering Student

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Education

B.E. in Electrical Engineering Aug 2017 - Present
Lebanese American University, Byblos, Lebanon
CGPA: 3.63 - University Honors Program
Expected Graduation Date: December 2022

Experience

Actuation/Steering Intern Aug 2021 - Jan 2022
Bayerische Motoren Werke GmbH (BMW AG), Munich, Germany
Controlled a ROS-based robot by coordinate translation and free movement and handled maintenance and development of low-level IPC to PLC communication through a PROFINET network

Consulting Trainee Apr 2021 - Jun 2021
Ministry of Energy and Water, Beirut, Lebanon
Analyzed the case of Distribution Service Providers (DSPs) in Lebanon under the direct supervision of the former minister Dr. Raymond Ghajar and performed data mining for UNICEF Water Project Investments

Undergraduate Research Assistant May 2020 - Dec 2020
Lebanese American University, Byblos, Lebanon
Researched maximizing distributed generation penetration with optimal sizing and location in cases of system faults and simulated complex power systems using GAMS language

Projects

Networking & App Development May 2020
Designed a full Bluetooth-based contact tracing android app using various programming languages and technical skills including online hosting, online databases, and networking

Solar System Integration May 2020
Proposed a plan to implement a solar energy project on the Raouche Corniche designed on HOMER and curated for an unreliable grid, high fossil fuel demand, and limited market capabilities

Electronic Solar Tracking System May 2019
Designed and implemented a solar tracking device that traces sun rays for maximum efficiency and power generation

LinkedIn

[linkedin.com/in/abbas-farhat](https://www.linkedin.com/in/abbas-farhat)

Technical Skills

Languages: Assembly, C++, Java, Python, docker

GUI: JavaScript, HTML, CSS, Android

Tools: GitKraken, AutoCAD, MATLAB, GAMS

Achievements

Merit Scholarship Recipient
For outstanding scholastic achievements

Dean's List (2017-2020)

Unified Scholastic Exam 1st place (2009 & 2014)

Languages

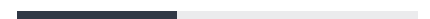
Arabic



English



French



German

