

Ahmad Awwad

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EDUCATION

Beirut Arab University

June 2021

Master's Degree in Communication & Electronics Engineering

Lebanon, Tripoli

EXPERIENCE

Aecenar Company

April 2023 - January 2024

Hardware and Software Development

Lebanon, Tripoli

- Developed software for the microcontroller STM to acquire analog data from all pins of the Sun Sensor.
- Designed and fabricated a patch antenna for the CubeSat.
- Designed the Sun Sensor PCB board using EasyEda Simulation.
- Ordered the PCB board for the Sun Sensor from PCB Way Company.
- Coordinated with manufacturers and other businesses to ensure the successful development of the CubeSat.
- Installed and repaired communication equipment for the City Network Ambulance Project.
- Analyzed, designed, modeled, and simulated communication systems, subsystems, and algorithms for satellite communications networks.
- Analyzed and provided information on space segment lease cost and bandwidth requirements.
- Built the structure of the CubeSat and integrated all necessary components.

My-Communication Academy-Jordan

Jan 2023 - April 2023

Internship-Wireless communication (Remotely)

Lebanon

- Recommended Antenna Height, Type, Tilt, Azimuth and location of an antenna through RF Survey Report and Clutter specifications
- Learning the main components of BTS how they work and how to design a BTS from Antenna to BBU than to transmission.
- How to Calculate the Power/Gain/Losses of each technology.
- Prepare radio hardware specifications documents traceable to specs, design verification test plans, documents test results
- Learning the principal information about wireless (carrier, OFDM, types of antennas...)

AL Madinah Company for Foodstuff

June 2022 - Dec 2022

Sales Representative

Lebanon, Tripoli

- Employed strategic sourcing techniques to identify and evaluate potential suppliers, ensuring the best possible prices, quality, and availability while minimizing logistical expenses.
- Conducted comprehensive cost-benefit analyses to assess the profitability of existing and potential customer relationships, providing valuable insights to inform business decisions.
- Collaborated effectively with suppliers to negotiate favorable terms and establish strong partnerships, ensuring a consistent supply of high-quality products.
- Cultivated and maintained positive business and customer relationships, fostering client trust and loyalty.
- Consistently achieved agreed-upon sales targets and exceeded sales objectives within specified timeframes, demonstrating exceptional sales understanding and a commitment to driving revenue growth.
- Provided effective leadership and supervision to the sales team, ensuring optimal daily performance and adherence to company standards.
- Conducted rigorous quality reviews of purchased products to uphold the company's reputation for offering superior merchandise.
- Proactively addressed customer complaints, working collaboratively with the sales team to resolve issues promptly and maintain customer satisfaction

Ishtari Online Shop

August 2021- May 2022

Data Entry Clerk

Lebanon, Tripoli

- Streamlined product data management by organizing and editing item data sheets, ensuring accuracy and consistency.
- Enhanced product visibility and searchability by creating detailed item descriptions, assigning relevant categories, and establishing product associations on Ishtari's websites in Lebanon and abroad.
- Demonstrated exceptional research skills by meticulously compiling product information from diverse online sources, ensuring the completeness and validity of product data.
- Items were categorized and sorted for optimal user experience and easy navigation.
- Contributed to overall efficiency by creating, modifying, deleting, and ordering categories. Maintained communication with the stock team to verify product data accuracy.

SKILLS AND CERTIFICATIONS

- Electronic Design Automation (EDA) Tools: EasyEda, HFSS Simulation, Cst

Simulation

- Software Development Environments: Cube IDE, Pycharm
- Mathematical and Scientific Computing: Matlab
- Web Development: CSS
- IC3 Digital World Essentials

LANGUAGES

- Arabic (native)
- English
- French