Ahmad Awwad

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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
Jordan, Amman

- Recommended Antenna Height, Type, Tilt, Azimuth and location of an antenna through RF Survey Report and Clutter specifications
- Learning what are the main components of BTS and 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 what are the principal information about wireless (carrier, OFDM, types of antennas…)

AL Madinah Company for Foodstuff
June 2022 - Nov 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 trust and loyalty among clients.
- Consistently achieved agreed-upon sales targets and exceeded sales objectives within specified timeframes, demonstrating exceptional sales acumen 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   Dec 2021- June 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 crafting comprehensive item descriptions, assigning appropriate categories, and establishing relevant 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.
- Applied organizational expertise to sort and order items within each category and brand, optimizing the user experience and facilitating seamless navigation.
- Contributed to the overall efficiency of the e-commerce platform by performing additional tasks, including creating, modifying, deleting, and ordering categories, and maintaining open communication with the stock team abroad to verify product data accuracy

EDUCATION

Beirut Arab University   **June 2021**

Master Degree in Communication & Electronics Engineering   Lebanon, Tripoli

SKILLS AND CERTFICATIONS

- Programming Languages: C, C++, Python

- 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)
- French
- English