**ABBAS AHMAD CHALHA**

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**OBJECTIVE**

To pursue a challenging internship or job where I can combine my experience with my skills to make a positive contribution and difference in the company.

**EDUCATION**

2018- Present **Lebanese International University**  Beirut- Lebanon

B.S. in Computer Science Expected year of graduation 2021

GPA: 3.91/4.0

2015-2018 **Abdo Mortada High School** Baalbeck-Lebanon

Baccalaureate: in Life Science Graduated in 2018

High distinction

**EXPERIENCE**

June-August 2015 **ALDO**  Beirut- Lebanon

*Sales Representative*

* Selling products and services using solid arguments to prospective customers.
* Expedite the resolution of customer problems and complaints to maximize satisfaction
* Helping determine pricing schedules
* providing existing customers with exceptional support

May-Sept 2019 **Lebanese University (Agricultural)** Dekweneh- Lebanon

*Computer Assistant*

* Perform basic computer troubleshooting
* Enter commands, using computer terminal, and activate controls on computer and peripheral equipment to integrate and operate equipment
* Monitor the system for equipment failure or errors in performance
* Assist duties include configuring hardware and software, setting up peripherals such as printers or routers, repairing equipment, and providing daily support for computer network users

**EXTRACULLICULAR ACTIVITIES**

June-Sep 2018 **Social Movement** Beirut-Lebanon

* Participate in different vocational training.
* Participate in conflict resolution and peace building workshops.
* Debate social issues, and actively participate in the social and economic development of their country.
* Work for and with the underprivileged sections of Lebanese population.
* Participate in awareness campaigns, and spread the concepts of social justice, equality, and development.

July-Sep 2019 **Dawaer Foundation** Beirut-Lebanon

* A member of media literacy program
* Participate in trainings like PFA, PSS, NRA
* Implement Rapid Need Assessment in the field
* Do psychosocial support for children
* Provide psychological first aid to people affected by Beirut explosion
* Participate in events that aim to raise the awareness against violent extremism

**VOLUNTEERING**

Jan-May 2019 Volunteer at Civil Defense Beirut, Lebanon

**ACHIEVEMENT’S CERTIFICATE**

Mar 2019 Dean Honor Letter (Fall 2018-2019) Beirut, Lebanon

Aug 2019 Dean Honor Letter (Spring 2018-2019) Beirut, Lebanon

Oct 2020 Dean Honor Letter (Fall 2019-2020) Beirut, Lebanon

July 2020 President Honor Letter (Spring 2019-2020) Beirut, Lebanon

Feb 2020 CISCO Certificate in CCNA Routing Beirut, Lebanon

& Switching (Introduction to Networks)

Jul 2020 CISCO Certificate in CCNA Routing Beirut, Lebanon

& Switching (Routing and Switching Essentials)

Oct 2020 Web Development (Front-end) Certificate Beirut, Lebanon

Feb 2021 CISCO Certificate in IT Essentials Beirut, Lebanon

**SKILLS**

Programming, coding, mathematical Skills, good communication skills, problem solving, computer and technology knowledge

* **Developing Websites (Front-end and Back-end)**

1. Use an HTML code to create a web page.
2. Apply CSS code for formatting a properly structured web page.
3. Manipulate the document object model to create dynamic web pages.
4. Design responsive web pages.
5. Use JavaScript events for developing the web pages.
6. Implement Scripting language fundamentals (PHP)
7. Solve web page requests using (AJAX)
8. Implement a server-side scripting language
9. Complete of complex Web applications

* **Developing Android Mobile Applications (Front-end and Back-end)**

1. The android development environment including Android Studio
2. Android SDK and phone emulator
3. Key programming paradigms, UI design including views and activities
4. Messaging and networking
5. Location based services (e.g., Google Maps)
6. Cloud programming using App Engine

* **Game Development (2D Games)**

1. Understand rigid transformations: translation, rotation, and scaling.
2. Apply a set of transformations based on a time plan to achieve required animations.
3. Identify and respond to events corresponding to user input or to 2D objects' interactions in the scene.
4. Use 2D user interface to display information describing the ongoing game in a practical sense.
5. Complete game-related details such as importing animated models, lighting, texturing, sound effects, and retrieving information from to the internet

* **Robotics Design and Coding**

1. Determine basic electronic components and use them in a circuit.
2. Develop basic programs to interface the Arduino circuit using Arduino IDE.
3. Utilize multiple digital and analog sensors in a circuit prototype.
4. Test different sensors output and analyze them.
5. Explain and use basic I/O operations between Arduino Board and sensors.
6. Design and build a robot with robotic components
7. Develop a program to control the robotic components
8. Test many robotic components (Sven segment, LCD, Numeric Keypad, RGB Led, Motion sensor, Infrared, Gear motor and Motor driver).
9. Explain how to use the robotic components in daily life.
10. Develop a program to use the robotic components then build a useful device or a robot to facilitate the real life.

* **Networking:**

1. Explain General Networking Concepts
2. Apply Basic Configuration of Networking Devices (Switches and Routers)
3. Classify and Explain Network Protocols and Communication (OSI and TCP/IP)
4. Design and Create IP Addressing and Subnetting schemes (IPv4)
5. Analyze and Test basic connectivity issues in simple network typologies
6. Analyze, Examine, Apply configurations and Test Layer 3 connectivity in a statically routed network topology (static routing approach) and in a dynamically routed network topology (dynamic routing protocols)
7. Analyze, Examine, Apply configurations and Test Layer 2 connectivity in a switched network topology (Ethernet Switch MAC address table, Port settings, and VLAN Implementation)
8. Analyze and Identify how VLANs create logically separate networks and layer 2 and layer 3 connectivity planes can interrelate (inter-VLAN routing)
9. Design, apply configurations and Test network security policies through packet filtering (using Access Control Lists (ACLs))
10. Analyze, apply configurations and Distinguish Network Address Translation (NAT) Types (static or Dynamic-with PAT or Port Address Translation), IP configuration approaches (Static or via DHCP)

* **IT Essentials**

1. Select the appropriate computer components to build, repair, or upgrade personal computers
2. Use critical thinking and problem-solving skills to troubleshoot common hardware, software, and operating system problems
3. Demonstrate basic networking and data security concepts, services, and protocols
4. Distinguish different print technologies and common printer problems
5. Explain the roles and responsibilities of the IT Professional

**PROJECTS**

**-** Lebanese Association for Care and Empowerment “LACE” Website (Senior Project)

- LIU Mobile Android Application

- Hotel Reservation System, Windows Application

- Filmflix Website

- Hunting Birds Game (Simple 2D Game)

**LANGUAGE**

* Arabic (Native)
* English (Fluent)