

Razan Thebian

Beirut, Lebanon

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EDUCATIONAL BACKGROUND:

BE in Computer and Communication Engineering; Minor in Business

Sep 2020 – June 2024

Beirut, Lebanon American University of Beirut | GPA 4.17 over 4; Dean's Honor List | Full Scholarship by USAID

EXPERIENCE:

Beirut, Lebanon **LebNet WiT Fellows Program**
Member of the inaugural cohort of the 2023 Fellows Program Fall 2023

Beirut, Lebanon **PWM Generator Integrated Circuit – Tiny Tapeout 2**
Programmer and Designer
* Designed the Verilog and VHDL codes of the generator Fall 2022
* Created a GitHub project for submission

Beirut, Lebanon **Weather Conditions Application**
Programmer
* Designed HTTP and MQTT client on ESP32 Huzzah using Espressif ESP-IDF Fall 2022
* Utilized Node-red and Mosquitto Broker to get information and display them with a proper UI

Beirut, Lebanon **Race Light Controller:**
Programmer
* Designed the model of the controller using VHDL Fall 2021
* Implemented the VHDL testbench of different test cases

Beirut, Lebanon **Chatting Application:**
Team Leader and programmer
* Designed the codes of the client and the server using python Spring 2022
* Ensured reliable communication of messages between peers
* Used NETEM to test the application under unreliable network conditions
* Added file transfer features for different types of files

Beirut, Lebanon **Car Control System:**
Team Leader and programmer
* Wrote the code of the controller using MATLAB Spring 2022
* Studied the behavior of the controller under the effect of disturbance and noise

Beirut, Lebanon **RV-32 Single Cycle:**
Designer
* Designed the VHDL model of the register file Spring 2022
* Implemented the VHDL testbench of an instruction decoder

EXTRA-CURRICULAR ACTIVITIES:

Beirut, Lebanon **Volunteering:**
* Local Community Projects; Gathering and supplying donations 2020 – Present
* MMKN Public School Support System; Physics Tutor 2021 – Present
* Youth Association of the Blind Spring 2021
* Edupass Education Program; Preparation of slides and material Fall 2020

Beirut, Lebanon **University:**
* Vice President of the AUB 3D Club: Discuss, Debate, and Discourse Fall 2022
* Undergraduate Teaching Assistant in Electronics Course Fall 2022
* Debater and Adjudicator in debates 2020 – Present

Beirut, Lebanon **Certificates and Awards Issued by USAID HES:**
* Certificate of Participation in Digital Media Workshop Spring 2021
* Certificate of Participation in Reflective Writing and E-portfolio Workshop Spring 2021
* Certificate of Participation in Lebanese Public Administration Workshop Spring 2021
* Certificate of Participation in Public Speaking and Presentation Skills Workshop Fall 2020

Beirut, Lebanon **Workshops Provided:**
* Introduction to Debates Workshop with AUB 3D Club 2021 – Present
* Argumentation and Critical Thinking Skills Workshop with AUB 3D Club 2021 – Present
* Public Speaking and Logical Fallacies Workshop with AUB 3D Club 2021 – Present
* Refutation Techniques Workshop with AUB 3D Club 2021 – Present

SKILLS:

Technical Skills: Python, C++, Java, VHDL, Assembly, Arduino, ESP-IDF, MATLAB, HTML, JavaScript, CSS

Languages: Excellent Proficiency in English and Arabic; Leadership, Communication, Public Speaking, Organizational Skills