

THURAYA OWEINI

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EDUCATION

American University of Beirut (AUB)

BE Computer and Communication Engineering

EXPERIENCE

WIE X Amazon

Mentee

June 2023 - September 2023

- Attended software engineering workshops conducted by Amazon engineers. Then worked on a software mentored by Amazon professionals throughout the project.
- Collaborated on a website utilizing Django framework (Python) for back-end development and implemented HTML, CSS, and Bootstrap for front-end design.
- Developed a platform connecting NGOs with surplus food to individuals aiming to reduce food waste.

American University of Beirut

Events planner

September 2022 - ongoing

- Supervised event volunteers and teams, fostering a collaborative and efficient working environment
- Exhibited strong multitasking abilities in fast-paced event environments, ensuring the efficient management of guest entry and ticketing procedures.

American University of Beirut

Advisor in Electrical and computer engineering department

January 2023 - May 2023

- Provided crucial support to academic advisors in the ECE department by assisting students in course selection, degree planning, and academic goal setting.
- Demonstrated a strong understanding of the ECE department's curriculum, enabling effective advising on course sequencing and program requirements.

NOTABLE PROJECTS

Management software for basketball club

- Designed, developed, and implemented a comprehensive basketball club management software, streamlining administrative tasks and enhancing the overall efficiency of the club.
- Utilized Django framework (Python) for back-end development and HTML, CSS, Bootstrap, JavaScript for front-end design

Encryption and Decryption Program with GUI

- Developed a Python-based encryption and decryption tool integrating various algorithms (Affine, Monoalphabetic, Playfair, Vigenère, Hill, Extended Euclidian).
- Built a user-friendly Graphical User Interface (GUI) using Tkinter in Python to facilitate seamless interaction for encryption and decryption tasks.

Hotel Database Management System

- Designed the Entity-Relationship (ER) diagram using draw.io and conducted mapping exercises.
- Formulated complex queries and managed the database using PostgreSQL to ensure efficient data retrieval and management.
- Orchestrated the interface development: utilized Flask(python) for back-end implementation and crafted front-end interfaces using HTML and CSS.

Azure-Deployed Website with Django

- Led the development and deployment of a Django-powered website on Azure.
- Designed the front-end using HTML/CSS for a user-friendly interface.

Ongoing: Development of Chat bot for Communication System Course

- Currently engaged in creating a chat bot as part of a Communication System course
- Collecting data, fine-tuning language models (LLM), and overseeing training processes

VOLUNTEERING

University open house AUB

- Meeting potential students that might be interested in joining the university and persuading them to apply.

Mentorship AUB

- Offered guidance, support, and insights to assist new students in their academic transition.

SKILLS

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|---------------------------|---|
| • General | management skills, communication skills, Adaptability, Problem-Solving Skills |
| • Programming | C++, Python, Matlab, HTML and CSS, VHDL, Assembly, JavaScript |
| • Spoken Languages | English, French, Arabic |
| • Other | SQL, SQLite, Linux, Django, MongoDB, PostgreSQL, Flask, Azure |