

Ragheed Ghanem

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EDUCATION

Lebanese American University - Beirut

Expected graduation date Dec-2025

Bachelor of Science in Computer Science with a Minor in Data Analytics

EXPERIENCE

Full Stack Development Intern – IDS Academy

Dec 2024 – Feb 2025

- Implemented a full web application for a Community Knowledge Sharing Platform
- Designed a relational database using SQL Server, created a RESTful API with .NET Web API and built the front-end using HTML, CSS, JavaScript, and jQuery

Web Development Intern – Prodigy InfoTech

Jun 2024 – Jul 2024

- Developed a weather application and a timer watch utilizing HTML, CSS, and JavaScript
- Integrated the Open Weather API into the website

Cybersecurity Workshop

Feb 2024 – Mar 2024

Semicolon Academy and the Google Development Groups in Lebanon – OCB-051 Offensive Cybersecurity Bootcamp

- Completed four workshops and an 8-hour course on web security, OWASP, and ethical hacking.
- Used Burp Suite for vulnerability assessments, extracting hidden files and texts to simulate attacks.

PROJECTS

Real Estate Website

Mar 2024 – Jun 2024

- Designed a responsive real-estate listings website with simple-to-use property search and filtering features utilizing HTML, CSS, JavaScript, and Bootstrap.
- Built a dynamic back end with PHP to handle user input, form data, and business rules.
- Created a MySQL relational database to store and retrieve property data, user requests, and listing data.
- Ensured smooth communication between front and back end using AJAX requests and server-side scripting.

E-voting System

Mar 2024 – Apr 2024

- Developed an E-voting system using blockchain.
- Implemented the website using Ethereum blockchain and HTML, CSS, JS.
- Integrated a machine learning model to detect threats.

Blockchain System

Apr 2025 – May 2025

- Built a feature that adjusts mining difficulty based on how fast recent blocks were mined, like Bitcoin.
- Made transactions more secure by using digital signatures similar to those used in real cryptocurrencies.
- Added a system that rewards miners for creating new blocks, just like in real blockchain networks.

Machine Learning

Jun 2024 – July 2024

- Built a stroke prediction model using structured health data and key ML preprocessing steps.
- Used seaborn and matplotlib to explore data patterns, distributions, and correlations.
- Processed and structured medical data for model training using Python and scikit-learn.