

Jinan Ali

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Education

Lebanese American University (Byblos, Lebanon)

Fall 2021 - Spring 2025

Bachelor of Engineering in Computer Engineering. GPA: 3.5/4

Distinction List

Awarded CNRS merit scholarship by the National Council for Scientific Research, granted only for the top 5 students in Lebanon in the Lebanese Baccalaureate, covering full tuition over 4 years as a fulltime student.

Tebnin Public High School (Tebnin, Lebanon)

September 2018 - July 2021

Lebanese Baccalaureate in General Sciences (19.2/20 on Official Examination)

Ranked the top 3rd in Lebanon.

Relevant Coursework

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|---------------------------|-------------------------|-----------------------|-----------------------|
| • Data Structures | • Algorithms | • Design Patterns | • Database Management |
| • Circuit & System Design | • Computer Architecture | • Software Management | • Systems Programming |

Experience & Academic Projects

Software & Programming

Pet Adoption Website | *HTML, CSS, JS, Figma, PHP, MYSQL*

January 2024 - May 2024

- Building the database using MySQL
- Developing the backend using PHP
- Designing and implementing the front end of the website using Figma, HTML, CSS & Javascript

Marketplace Application | *JavaFX, JAVA, MYSQL*

September 2023 - December 2023

- Building the database for a car marketplace application using MYSQL as well as designing the front end for that application using JavaFx.

Donation Application | *JAVA*

January 2023 - May 2023

- Designing the front end of a blood donation application using Java Framework.

Pizza Delivery Website | *HTML, CSS, JS, Figma*

September 2022 - December 2022

- Designing the front end of an online delivery website for a pizza restaurant with functional user interface using HTML, CSS & JavaScript

Virtual Reality and Computer Vision | *Unity, C#*

January 2023 - May 2023

- Building a functional first-person maze using unity and C# scripting, with the implementation of vision-based controls for this maze.
- Designing an interactable non- Euclidean world using Google Cardboard

Hardware & Circuit Design

Air Conditioner

January 2023 - May 2023

- Designing a climate-control system that controls the behavior of a fan (DC motor) based on the temperature of its environment.

Smart Power Grid

January 2023 - May 2023

- Designing a smart meter that will track the load versus the power production to avoid blackout when the demand becomes larger than the supply capacity.

Leadership and activities

Treasurer of the Chess Club and the Robotics Club

Fall 2023 - Spring 2023

- Collecting funds raised during an activity.
- Keeping an accurate account of all receipts and expenditures of the club.
- Submitting semester reports in writing to the President.

Technical Skills

Programming Languages: Java, Javafx, Javascript, SQL, C#, CSS & HTML, 68k Assembly, VHDL, Git

Technologies/Framework: Eclipse, MySQL, PSpice, Quartus, Unity, VBB, VsCode, Github

Languages: Arabic (native), English (fluent), French (elementary level), Morse Code