

# Issa Alayan

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## EDUCATION

### Lebanese University

B.S. in Computer Science

Beirut, Lebanon

Expected Graduation, May 2025

- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Operating system, Object-Oriented Programming, Statistics & Applications

### 42 Beirut

Beirut Digital District

Core curriculum

- **Related Coursework:** Data Structures & Algorithms, Bash, Git, Git-hub, C programming language

Piscine

Feb-March 2024

- Engaged in a demanding, month-long assessment, involving multiple individual and group projects, along with exams, all centered on C programming, Git, and Bash. Remained fully committed and actively involved throughout the entire duration.

## PROJECTS

### Blog App

- **Project Overview:** Created a full stack blog application featuring a robust backend, dynamic frontend, and an admin panel.
- **Technologies Used:** **Next.js** (for server-side rendering and frontend), **MongoDB** (for database management), and **Node.js** (for backend logic).
- **Frontend:** Implemented responsive UI/UX design using **Next.js** and **React**, ensuring a seamless experience across devices. Integrated interactive components and dynamic content rendering for an engaging user experience.
- **Backend:** Developed **RESTful APIs** using Next.js API routes to handle CRUD operations for blog posts. Implemented user authentication and authorization, allowing users to manage their own posts.

### Marvel Legacy Website

Lebanese University, Beirut

Group project, Team Member

Dec 2023 – Jan 2024

- Developed a website showcasing Marvel content. Included sections on Marvel's founding, detailed character descriptions, and a selected collection of TV shows and movies. Built using **HTML**, **CSS**, and **JavaScript**.

### RPB Dragon Repel

- Created an interactive RPB Dragon Repel game using **JavaScript**, implementing game mechanics such as character movement, combat systems, and item management. Used JavaScript for game logic and interactivity, and **CSS** for design to deliver an engaging user experience.

## ACTIVITIES AND LEADERSHIP

### HULT PRIZE 2<sup>nd</sup> Runner up

Beirut, Lebanon

Feb 2023

- Collaborated with a team to develop a sustainable solution by hybridizing the color genes of lizards into plants to create natural textile dyes.

## SKILLS

- **Programming Languages:** C, JavaScript, HTML/CSS, SQL, Java
- **Frameworks & Libraries:** Node.js, React.js, Express.js, Bootstrap, Tailwind CSS
- **Databases:** MongoDB
- **Tools & Platforms:** Android Studio, Visual Studio Code, IntelliJ, Git, GitHub, WordPress