# Issa Alayan

issaalayan2017@gmail.com | +96170833227 | LinkedIn: issa-alayan | GitHub: issa-12 | Beirut, Lebanon

## EDUCATION

**Lebanese University**                                                                                      **Beirut, Lebanon**
*B.S. in Computer Science*                                              *October 2022, Expected Graduation June 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 Level 5*                                                                              *June 2024, Present*
- **Related Coursework:** Data Structures & Algorithms, Bash, Git, Git-hub, C programming language

*Piscine*                                                                                                      *February 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

**Mini Shell**
- Created my own version of the shell using C language.
- Used C language to write memory safe code.
- Used forking and the ability to manipulate processes to create an accurate recreation of a terminal.

**Real Estate Listing Web Application- EstateEase**
- Developed **EstateEase**, a full-stack real estate listing platform using **Laravel**, **Tailwind CSS**, and **MySQL**
- Implemented role-based access with separate dashboards for **Admin**, **Owner**, **Agent**, and **User**
- Enabled property listing, **search filtering, appointment scheduling, and inquiry management features**
- Integrated agent rating & review system and real-time status updates for inquiries
- Designed a responsive front-end with **Tailwind CSS** and **Blade templates**
- Utilized **Laravel Breeze** for secure authentication and session management
- Ensured clean architecture using **MVC structure** and optimized **CRUD operations**
- Managed database schema with migrations, seeders, and foreign key constraints
- Used Git and GitHub for version control and collaborative development

**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**.

**RPG 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.

## SKILLS

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

## ACTIVITIES AND LEADERSHIP

**HULT PRIZE 2nd Runner up**                                                      **Beirut, Lebanon**
*February 2023*

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