

HABIB TAHECH

Computer Science Student

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EDUCATION 2021-2026

Lebanese University, Faculty of Sciences Branch 3, Rasmaska

BSc in Computer Science

Selected Coursework: Data Structures (Java, C) Web Applications (JavaScript, React), Database Applications (SQL, MongoDB), Android (Java), API (Express), Computer Systems (C and Unix), Good theoretical Ideas in Computer Science

SKILLS

Coding: C, Java, C#, PHP, Javascript, HTML, CSS, Node.js, React

Technologies/Environment: Windows, Linux, MySQL, MongoDB, Android (Java), OpenGL, ASP.NET, Git & GitHub

EXPERIENCE

3 months accountant at Linea Verde, Tripoli Al-Mina (1-1-2023 → 1-4-2023)

PROJECTS

- **Final Year Project – Restaurant Ordering Web Application**
Built a full-stack restaurant web application focused on delivering a seamless and modern food ordering experience. Emphasized clean UI design, responsiveness, and efficient client-server communication

Technologies: React.js, JavaScript (ES6), JSX, CSS, Node.js, Express

Key Features:

- Developed a responsive and intuitive user interface using React
 - Implemented dynamic menu rendering and interactive components
 - Integrated MongoDB for efficient data storage and management
 - Designed RESTful APIs with Express for handling orders and data
 - Ensured smooth navigation and optimized frontend performance
 - Modeled system behavior using Use Case diagrams (UML)
- **Software Engineering System Design (UML)** – Academic Project
Performed comprehensive system analysis and design using UML methodologies. Modeled both the structural and behavioral aspects of a software system to ensure clarity and scalability

Key Contributions:

- Analyzed system requirements and translated them into UML models
 - Designed Use Case, Sequence, Activity, and Class diagrams
 - Modeled system workflows, interactions, and architecture
 - Improved system clarity through structured documentation and design
- **Hospital Network Infrastructure Design (Cisco Packet Tracer)** – Academic Project
Engineered a structured and scalable network solution for a hospital floor, ensuring reliable connectivity across multiple departments. Applied subnetting techniques and simulated the network using Cisco Packet Tracer

Technologies & Tools: Cisco Packet Tracer, IP Networking, Subnetting, Routing & Switching

Key Features:

- Designed both physical and logical topologies for hospital network deployment
- Developed efficient IP addressing and subnetting scheme (192.168.1.0)
- Configured router placement and switch-based connectivity architecture
- Ensured seamless communication between all connected devices
- Simulated real-world network environment and validated performance
- Demonstrated understanding of unicast, multicast, and broadcast traffic handling

