

Majd ghoche

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Education

Lebanese University – Tripoli

Bachelor of Computer Science

feb 2024

Tripoli, Lebanon

- **Relevant Coursework:** C Programming, Java Programming, Data Structures & Algorithms, JavaScript Development, PHP & Web Development

Experience

Laser Digi YESS Program

Mentor & Project Manager

Nov 2024 – Mar 2025

- Mentored four groups of four students each, guiding them through project scoping, planning, and delivery of web applications.
- Coordinated task assignment and progress tracking via ClickUp and GitHub Issues, ensuring on-time milestone completion.
- Guided development using basic HTML, CSS, and JavaScript with Firebase as the backend.
- Facilitated UI/UX design using Figma and introduced digital marketing strategies to promote the projects.

Projects

E-commerce Website | *React.js, React Router, Context API, JSON*

- Successfully designed and built a feature-rich e-commerce website using React, enhancing user experience and engagement.
- Implemented efficient routing using React Router to ensure seamless navigation and an intuitive shopping experience.
- Utilized React Context API for centralized state management, streamlining data flow and ensuring a consistent UI.
- Integrated JSON files to manage product data dynamically, allowing easy updates and scalability while maintaining performance.

Sudoku Game Application | *React.js, TypeScript, Backtracking Algorithm*

- Interactive 9×9 Sudoku grid with real-time validation and rule-violation highlighting.
- Developed a backtracking-based puzzle generator with easy, medium, and hard difficulty levels.
- Integrated a solver and hint feature to assist players by revealing one correct number at a time.

IDO Website (To-Do List Web App) | *React.js, ASP.NET Core, Entity Framework, JWT*

- Built a dynamic to-do list application with drag-and-drop task states ("Todo → Doing → Done").
- Implemented secure JWT authentication and managed data persistence via ASP.NET Core API and Entity Framework.

Enneagram Website | *React.js, Node.js/Express, SQL Server*

- Created an interactive questionnaire capturing 90 questions across nine Enneagram types.
- Implemented secure signup/login flows and stored timestamped results in SQL Server.

API Integration & Testing | *Python, Robot Framework, Slack API, Jira API, Gmail API*

- Automated Slack, Jira, and Gmail workflows using Python, enhancing communication and project management.
- Developed Robot Framework test scripts for end-to-end validation of all API interactions.

Basketball Management System | *HTML, CSS, PHP*

- Engineered a web application for team and player management, enabling dynamic additions/removals.
- Designed intuitive interfaces using HTML and CSS, and handled data operations with PHP.

Training

26-day Intensive Coding Bootcamp, Beirut 42

Beirut, Lebanon

- Mastered foundational programming concepts and enhanced problem-solving skills.
- Collaborated on coding challenges during an intensive 26-day program.

Technical Skills

Languages: English (Fluent), French (Professional Working Proficiency), Arabic (Native)

Frameworks and Tools: React, Next.js, ASP.NET, Git/GitHub, UML, Design Patterns, Kubernetes, Nginx, Docker

Skills: JavaScript, SQL, HTML/CSS, C, C#, Java, PHP, CCNA1