

Antoine Abou Janab



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Beirut, Lebanon

EDUCATION

2022 - 2027

Electronics and computer engineering
Lebanese University faculty of engineering
-Roumieh

SKILLS

- Programming Languages: C/C++, C# (OOP), Python, Java, JavaScript (ES6+), TypeScript, MATLAB, SQL, HTML, CSS
- Frameworks & Libraries: MERN Stack (MongoDB, Express.js, React, Node.js), Next.js, Redux, TailwindCSS, Material UI
- Tools & Platforms: Visual Studio, VS Code, Git/GitHub, Docker, Postman, LabVIEW, Proteus, Eagle, AutoCAD, Fusion 360, Figma, Microsoft Office Suite (Word, Excel, PowerPoint)
- Embedded Systems & IoT: Arduino, ESP32, ESP8266, sensors
- Concepts: RESTful APIs, JWT Authentication, State Management, Responsive Design, Containerization (Docker)
- Soft Skills: Teamwork, Problem Solving, Communication, Creativity, Critical Thinking, Adaptability, Leadership

LANGUAGE

- Fluent english
- Fluent french
- Native arabic

About Me

Ambitious electronics and computer engineering student with a firm understanding in programming , embedded systems and engineering concepts; looking for an opportunity to apply deep expertise in these fields, utilizing technical skills to tackle real-world challenges and drive innovative solutions.

WORK EXPERIENCE

Full-Stack Todo Web Application - BtekUp Internship

- Built a full-stack MERN stack Todo web app with authentication (JWT) and RESTful API integration.
- Implemented frontend features: add, delete, complete tasks; responsive design; dark/light mode; Figma-accurate UI.
- Developed backend with Node.js/Express: user authentication, CRUD operations, error handling, and security best practices.
- Containerized the application with Docker and deployed on Vercel/Netlify for scalable production use.
- Used GitHub (branches, pull requests, daily commits), Postman API documentation, and followed REST principles.

AI Developer Intern - Eurisko

- System Design: Learned to design systems and select tools (e.g., Kafka, CDN, Amazon Image DB, caching) to meet functional and non-functional requirements.
- Shop App: Developed a complete shop app with a MongoDB backend.
- Chatbot Development (RAG system):
 - Built a chatbot that fetches and responds based on supplied policy documents.
 - Database Access: Enabled the chatbot to fetch product data and recommend items based on user queries.

PROJECTS

Student Data Parser (C++ Program)

- Developed a C++ application to parse files containing student details.
- Implemented data structures and algorithms (DSA) to optimize file reading, data storage, and retrieval processes.
- Gained a strong understanding of pointers and Object-Oriented Programming (OOP) principles.