Rebecca Chalouhi

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OBJECTIVE

Final-year Computer Engineering student (Spring 2026) with project and internship experience in frontend and backend web development. Seeking a software or backend development internship where I can contribute to real products while strengthening my engineering skills.

EDUCATION

University of Balamand (UOB), Koura, Lebanon   2023-2026
Bachelor of Science in Computer Engineering
- Dean's Honor List (2023-2024 fall and spring semester / 2024-2025 fall and spring semester)
- Cumulative GPA: 3.7/4
- Expected to Graduate: June 2026

College de La Salle Freres Kfaryachite, Zgharta, Lebanon   2022-2023
Lebanese Baccalaureate Diploma, Life Science, with High Distinction

EXPERIENCE

Full-Stack Web Development Intern   Aug 2025 – Oct 2025
Independent Project – Tax Automation Platform
Mentored by Eng. Rony Tayoun

- Developed responsive frontend components using React (Vite + TypeScript) to support core user workflows in an AI-powered tax automation platform.
- Implemented Flask REST API routes, including secure token-based authentication (JWT), to enable communication between the web application and AI-generated services.
- Collaborated on debugging, feature testing, and frontend–backend integration to improve system reliability and ensure smooth end-to-end data flow.
- Applied full-stack development practices, Git-based version control, and API-driven architectures within a modern web application environment.

EXTRACURRICULAR ACTIVITES

iEEE member - University of Balamand Student Chapter   2024-Present

iEEE WIE board member - University of Balamand Student Chapter   2024-2025

SDG Brain Lab v5.0 — Volunteer supporting initiatives aligned with the UN Sustainable Development Goals.   2025-Present

Global Classroom Model United Nations LAU University - MUN Advisor of high school students at College de la Salle Kfaryachite   2022-2023

LANGUAGES AND TECHNICAL SKILLS

- **Programming Languages:** Java, Python, SQL, Assembly (RISC-V, PIC18), C(PIC18), SystemVerilog, HTML/CSS, JavaScript
- **Frameworks & Libraries:** React (Vite, JavaScript), Flask, REST APIs, JWT Authentication

- **Tools and Software:** Git, MATLAB, Quartus, Multisim. MPLAB, Proteus, Simulink, Simscape, LabView, AutoCAD, AutoCAD Electrical, Microsoft Office Suite (Word, Excel, PowerPoint)
- **Languages:** Arabic (Native), English (Fluent), French (Fluent), Spanish (Basic)