

NABIL BECHARA

COMPUTER SCIENCE STUDENT

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ABOUT ME

Software engineering-focused Computer Science student with full-stack development experience and a strong foundation in debugging and API design. Driven by problem-solving and logical thinking, with hands-on experience building and maintaining web applications. Eager to apply technical skills in real-world projects and continue growing through practical industry experience.

PROFESSIONAL EXPERIENCE

Sound Engineering Intern, The Voice of Lebanon

May 2024 - September 2024

- Worked with professional audio processing software to tune, balance, and enhance sound quality for broadcast and recorded content
- Assisted in configuring audio parameters to optimize clarity, volume consistency, and overall production quality
- Collaborated with engineers and production staff, gaining hands-on experience in technical workflows and time-sensitive operations

Web Scraping Developer Intern, Wakilni

May 2025 - July 2025

- Developed a Python-based web scraping and automation tool using Playwright to extract structured data from dynamic, JavaScript-heavy websites
- Implemented browser automation workflows to handle page navigation, asynchronous content loading, and form interactions
- Designed robust data extraction logic to collect, clean, and validate data for downstream use
- Debugged and optimized scraping processes to improve reliability and reduce failures caused by page changes

PROJECTS

- **SafePass (Mobile Application):** Developed a secure password management mobile app using Flutter focused on safely storing and organizing user credentials with an emphasis on data protection and usability
- **Football Academy Registration System (Web Application):** Built a full-stack web platform to manage player registrations, user data, and administrative workflows for a football academy
- **Local Reviews Platform (Web Application):** Designed and implemented a web-based system allowing users to submit, browse, and manage reviews for local businesses
- **CivicFlow (Web Application):** Developed a full-stack municipality management platform enabling citizens and administrators to manage civic workflows and services, using Next.js 16, React 19, TypeScript, Tailwind CSS 4, Framer Motion, and Recharts on the frontend, with a FastAPI backend, SQLAlchemy ORM, PostgreSQL, PyJWT authentication, Argon2 password hashing, and Uvicorn ASGI server

EDUCATION

B.S. in Computer Science

May 2023 - May 2026

Lebanese American University

- Major GPA: 3.75 / 4.00 | Academic Distinctions: Distinction (Fall 2024), Honors (Spring 2025), High Distinction (Fall 2025), Distinction (Spring 2026)
- Served as a coding tutor, assisting students with programming concepts and problem-solving techniques
- Key Coursework: Software Engineering, OOP, Data Structures & Algorithms, Computer Networks, Database Management Systems, Machine Learning, Cloud Computing

CORE SKILLS

- **Programming Languages:** Python, Java, JavaScript, TypeScript, C, C++, SQL, PHP, Dart (Flutter)
- **Cloud & DevOps:** AWS (EC2, S3, IAM, basic cloud architecture and deployment concepts), Git, GitHub
- **Backend & Frontend Development:** Node.js, Express, FastAPI, SQLAlchemy; React, Next.js, HTML, CSS, Tailwind CSS, Framer Motion; RESTful APIs; MongoDB, PostgreSQL
- **Parallel Programming:** CUDA, OpenMP, MPI; performance profiling, memory coalescing, vectorization, multi-GPU streaming
- **Certifications:** Soft Skills Certificate — LAU ACE (Lebanese American University Academic and Career Excellence)