

Hasan Dokmak

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SUMMARY

Second-year Computer Science student at the American University of Beirut with a strong academic foundation and a genuine interest in learning how software works in practice. Motivated by building, experimenting, and solving technically challenging problems.

EDUCATION

Bachelor of Science in Computer Science

American University of Beirut (AUB) — Beirut, Lebanon · *Expected Graduation: 2027*

Relevant Coursework: Introduction to Object-Oriented Programming, Data Structures, Systems Programming, Computer Organization, Algorithm Analysis and Design, Theory of Computation, Operating Systems, Software Engineering, Discrete Structures, Linear Algebra, Calculus III.

TRAINING & CERTIFICATIONS

Foundations of Computer Science — SE Factory, Beirut, Lebanon · *June 2025*

Intensive training in Python covering data structures, problem-solving, and introductory front-end and back-end web development.

Back-End Engineering Career Path — Codecademy · *Dec 2025*

Comprehensive 41-unit path covering Node.js, Express.js, PostgreSQL, REST API design, authentication, web security, operating systems, scalability, DevOps fundamentals, and data structures & algorithms.

PROJECTS

Task Manager (Front-End Project) · *June 2025*

Built a front-end web application for task creation and deletion using HTML, CSS, and JavaScript.

E-Commerce System (Back-End Project) · *June 2025*

Developed a backend-only e-commerce system in PHP handling user authentication, product and category management, cart logic, and order processing with database integration.

RedReady — Emergency Readiness Platform (Team Project) · *Jan – Apr 2026*

Full-stack web app for emergency preparedness management. Developed a Django REST API with JWT authentication and role-based data models. Built a responsive Next.js/React frontend with Tailwind CSS and role-based access control. Handled full deployment — backend on Render, frontend on Vercel.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, PHP, JavaScript.

Frameworks & Libraries: Django, Django REST Framework, Next.js, React, Tailwind CSS.

Systems & Tools: Linux, Alpine Linux, Git, Bash, Render, Vercel.

Core Concepts: Data Structures & Algorithms, Concurrency & Multithreading, Computer Organization, Process Management, Memory Management, CPU Scheduling, File Systems, Networking basics.

Software Practices: Debugging, Testing, Memory Management, Secure C/C++ programming, REST API Design, JWT Authentication.

LANGUAGES

Arabic (Native) · English (Fluent)