

Nour Dwayri

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OBJECTIVE/Profile

I am a senior in computer science with a GPA of 3.7 and a strong foundation in full-stack development. I'm deeply passionate about building impactful, real-world software with clean architecture and purposeful design. My work reflects a commitment to quality, clarity, and continuous improvement—whether it's deploying scalable systems or writing testable, production-ready code. I've delivered projects that go beyond the classroom, combining creativity with critical thinking. As a competent and ambitious individual, I'm eager to enhance my problem-solving skills, gain broader exposure to computer systems, and deepen my experience in research and large-scale software development.

EDUCATION

Aug 2023 – May 2026 | American University of Beirut | Beirut, Lebanon

Bachelor's degree in computer science

Relevant Courses Taken:

Discrete Structures, Discrete Structures 2, Introduction to Programming, OOP, Software Engineering, Database Systems, Computer Organization and Design, Programming languages, Theory of Computation, Mobile Application, Operating Systems, Machine Learning, Cybersecurity, and Data Science.

Sept 2008- July 2023 | AL-Bayader School | Beirut, Lebanon

Lebanese Baccalaureate in General Sciences.

EXPERIENCE/PROJECTS

Sep 2025 – May 2026 | Raspberry Pi 4B – Secure Server Deployment (Cybersecurity Project)

- Deployed and configured a secure self-hosted Linux server on Raspberry Pi 4B.
- Implemented HTTPS encryption using Let's Encrypt and OpenSSL with automated TLS certificate renewal.
- Configured DuckDNS for dynamic DNS routing and applied SSH hardening, firewall rules, and system security best practices.

Sep 2025 – May 2026 | Android Studio – Avatar Application

- Developed a gamified study app using Kotlin and Jetpack components with AI API integration.
- Designed interactive avatar-based UI with navigation, state management, and XP system.
- Implemented SQLite for local persistence and integrated a FastAPI backend via REST API calls.

Sep 2025 – May 2026 | Operating Systems Project (C)

- Implemented process management and CPU scheduling algorithms in C.
- Applied synchronization mechanisms (mutexes/semaphores) to ensure safe concurrency.
- Explored memory management and low-level system behavior.

Aug 2024 – Sep 2024 | Resource Group Internship – Serta Website

- Maintained and optimized a production website using PHP.
- Designed and queried relational databases using SQL.
- Debugged backend logic and improved server-side performance.

Feb 2024 – Jun 2024 | HotelOnCall – Full-Stack Web Application

- Built a hotel service management system using Node.js, Express.js, and PostgreSQL.
- Integrated Google OAuth authentication and email notifications (Nodemailer).
- Implemented automated backend testing (Jest, Supertest) and CI/CD pipelines (GitHub Actions).
- Deployed using Vercel and Railway following software engineering best practices.

Sep 2023 – Dec 2023 | Battleship Game – C Programming Project

- Implemented full procedural game logic in C.
- Wrote formal specifications and comprehensive test suites to ensure correctness and robustness.

Skills:

Languages: Fluent in English and Arabic (writing, reading, and speaking).

Computer Skills: MS Word, Excel, PowerPoint, Java, PHP, JavaScript, HTML, CSS, ML, C, C++, Node.js, Express.js, PostgreSQL, SQL, Git, GitHub, Jira, Kotlin, Android Studio, SQLite, FastAPI, Vercel, Railway, Python, React, Laravel, Flutter, and Angular.

Technical Skills: Programming, algorithm analysis (cost and time efficiency), data analysis, REST APIs, authentication (Google OAuth), automated backend testing (Jest, Super test), CI/CD (GitHub Actions), email integration (Nodemailer), backend programming, API callbacks, database design and management, software testing and documentation, mobile app development, UI/UX design, Linux, OpenSSL, Let's Encrypt, DuckDNS, SSH, Networking, TLS, and System Security.

Soft Skills: Agile working environment, communication, teamwork, creativity, time management, strong problem-solving skills, and performance analysis, Agile environment experience, teamwork, technical communication, analytical thinking, performance optimization, problem-solving, research-oriented mindset.

Note: Reference can be provided upon request.