

NANCY AJOUZ

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EDUCATION

- **Antonine University, Baabda** – B.E. in Computer & Communications Engineering (3rd Year)
- **Ecole des Filles de la Charité Clemenceau, Beirut** – Lebanese Baccalaureate, General Science (2022).

TECHNICAL SKILLS

- **Front-End Web Development:** HTML, CSS, JavaScript, EJS
- **Back-End Web Development:** Node.js, Express.js, Spring Boot
- **Databases:** SQL, PL/SQL, MySQL, MongoDB
- **Programming Languages & Frameworks:** Java, JavaFX, C++, Python, Assembly
- **Artificial Intelligence & Machine Learning:** DFS, BFS, A*, Decision Tree, Random Forest, Linear & Logistic Regression, , Neural Networks
- **Software & Tools:** MATLAB, Microsoft Office Suite (Word, Excel, PowerPoint), Adobe Illustrator, Adobe Photoshop, AutoCAD, ArcGIS, Packet Tracer
- **Core Concepts:** Data Structures, Object-Oriented Programming (OOP), Design Patterns
- **Modeling & Design:** Use Case Diagrams, Class Diagrams, Sequence Diagrams, Database Design

ACADEMIC PROJECTS

- **Workout Planner Website-2024** (Node.js, Express.js, EJS, MySQL): Developed a web application for personalized workout plans, featuring dynamic content generation and user data management.
- **Semantic Search Engine-2024** (OOP): Developed a semantic search engine with CRUD operations in MongoDB, using Spring Boot solely for database interaction and efficient data handling
- **Dictionary Application-2023:** Optimized word lookup using data structures.
- **Hiking Website-2023** (HTML, CSS): Responsive static website with clean UI.
- **Database Design Project-2023:** Conceptual and relational DB modeling with optimized SQL queries.
- **Student Information System-2023** (C++): Created a system for managing student data.

CERTIFICATES

- CCNAv7: Introduction to networks
- CCNAv7: Routing and Switching Essentials
- CCNAv7: Scaling and Connecting Networks
- Diplome du DELF B2-Institut Francaise du Liban/Beirut (2022)

LANGUAGES

Arabic (native)

French (fluent)

English (fluent)