

NABIL ABOU YAGHI



CONTACT

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LANGUAGES

- English (Fluent)
- French (Fluent)
- Arabic – Native



PROFESSIONAL SUMMARY

Computer Science graduate (June 2026) with a hybrid skill set in Full-Stack Web Development and Machine Learning/Data Science. Experienced in building database-driven web applications, RESTful APIs, and applying machine learning models for real-world problems. Strong foundation in algorithms, databases, statistics, and software engineering. Seeking entry-level roles in Software Engineering, Full-Stack Development, or ML/Data Science.



EDUCATION

Bachelor of Science in Computer Science

2023-2026

Lebanese International University

Expected Graduation: June 2026

Relevant Coursework:

Data Structures & Algorithms, Database Systems (SQL Server, MySQL), Web Programming, Advanced Web Programming, Software Engineering, Operating Systems, Computer Networks, Machine Learning, Artificial Intelligence, Cryptography, Linear Algebra, Probability & Statistics



CERTIFICATIONS & ONLINE TRAINING

The Complete Web Development Bootcamp – Udemy (Angela Yu, 2025)

- 62+ hours of full-stack training with 30+ practical projects
- Frontend: HTML5, CSS3, Bootstrap 5, JavaScript ES6, DOM, jQuery
- Backend: Node.js, Express.js, EJS, REST APIs, Authentication
- Databases: SQL, PostgreSQL
- Tools: Git, GitHub, Bash, Deployment
- Introductory Web3 & Blockchain concepts

Python Fundamentals & Logic – CaddyTech (2025)



TECHNICAL SKILLS

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

Web Technologies: HTML5, CSS3, Bootstrap, Flexbox, CSS Grid, jQuery

Frameworks & Tools: Node.js, Express.js, EJS, React (basic), Windows Forms, Arduino IDE, VS Code

Databases: MySQL, PostgreSQL, Microsoft SQL Server

Concepts: OOP, Data Structures, CRUD, REST APIs, Authentication, Session Management, DOM Manipulation

Version Control: Git, GitHub

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PROJECTS

SecureCo - Gated Community Visitor Management System | PHP, MySQL, JavaScript

- Developed a role-based system (Admin, Guard, Resident) for managing visitor access
- Implemented authentication, authorization, and full CRUD functionality
- Designed dashboards for visitor requests and real-time tracking

Doctor Appointment Management System | C#, Windows Forms, MySQL

- Built a desktop application with Admin, Doctor, and Patient modules
- Implemented appointment scheduling, login system, and database persistence
- Designed user-friendly UI forms for efficient data management

Automated Irrigation System | Arduino, C++, Sensors

- Created an automated irrigation controller using soil moisture sensors
- Integrated RTC and LCD for real-time monitoring and display
- Improved water efficiency through sensor-based automation

Machine Learning - Customer Churn Prediction | Python, Scikit-learn, Pandas

- Built supervised ML models (Logistic Regression, Random Forest, KNN) to predict customer churn
- Performed data preprocessing, encoding, scaling, and exploratory data analysis
- Evaluated models using accuracy, confusion matrix, and ROC curves

HealthTrack - Health Management Web Application | React, Node.js, Express, SQL

- Developed full-stack application for managing health records and appointments
- Implemented RESTful APIs, authentication, and CRUD operations
- Built responsive frontend components and integrated backend services



ADDITIONAL KNOWLEDGE

- Fundamentals of Machine Learning (supervised & unsupervised learning)
- Networking basics (routing, switching, IP addressing)
- Linux basics and process management
- Strong mathematical background for computing (Discrete Math, Linear Algebra)