

Hussein Tarhini

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EDUCATION:

Antonine University – *Baabda, Lebanon* | 2021 – Present

- Bachelor of Engineering in Software Engineering
- Expected date of graduation: 2026.

Collège notre dame des sœurs antonines – *Nabatiyeh, Lebanon* | 2021

- Lebanese Baccalaurate in life science.

LICENCES AND CERTIFICATIONS :

Cisco Certified Network Associate (CCNAv7) | Feb 2023 – Feb 2024

- Introduction to Networks.
- Switching Routing and Wireless Essentials.
- Enterprise Networking, Security and Automation.

LANGUAGES :

- Arabic – Native or bilingual proficiency.
- English – Level B2.
- French – Level B1.3.

ACADEMIC PROJECTS:

Restaurant Website – *Beirut, Lebanon* | Nov 2023 – Dec 2023

- Developed a responsive frontend website for a pizza restaurant using HTML, CSS, and Bootstrap.
- Designed and implemented multiple pages including Home, Menu, About Us, Contact Us, Sign Up, and Login.
- Focused on user-friendly layout, navigation, and visual design.

Student Information System (SIS) – *Beirut, Lebanon* | Dec 2022 – Jan 2023

- Developed a console-based application using C++, arrays, and file handling.
- Implemented student functionalities including course add, drop, swap, and schedule viewing.
- Implemented admin functionalities for creating, modifying, and removing courses.

Semantic Search Engine – *Beirut, Lebanon* | Mar 2024 – May 2024

- Developed a semantic search engine in Java using OOP principles.
- Designed and implemented classes to process and analyze local documents (Word, PDF, XML, JSON).
- Applied NLP techniques within NLU to improve search relevance.
- Implemented text preprocessing steps such as tokenization, stop-word removal, punctuation removal, POS tagging, lemmatization, and Named Entity Recognition (NER).
- Enabled users to retrieve documents based on keywords, phrases, topics, or questions.

Banking System Application – Data Structures (C++) – *Beirut, Lebanon* | Oct 2024 – Dec 2024

- Developed a banking system using linked lists to manage users, accounts, and transactions.
- Implemented deposits, withdrawals, transfers, transaction sorting, and file handling.
- Focused on algorithm efficiency, dynamic memory allocation, and data organization.

Money Transfer Web Application – Team Lead – *Beirut, Lebanon* | Oct 2025 – Dec 2025

(Laravel, PHP, MySQL – XAMPP/phpMyAdmin, GitHub)

- Led a team to design and develop a multi-role money transfer platform (Admin, User, Agent).
- Implemented core financial services including Wallet-to-Wallet transfers, Wallet-to-Person (cash pickup), Cashout and Deposits via Stripe API.
- Integrated OTP-based authentication, currency conversion APIs, live notifications, and social login (Google/GitHub).
- Used OCR for identity verification and maps/geolocation to display nearby agent stores.
- Managed collaboration using GitHub (branches, pull requests, conflict resolution).

Clinic Management System – *Beirut, Lebanon* | Oct 2025 – Dec 2025

(ASP.NET Core MVC, C#, SQL Server)

- Developed a full-stack clinic management system following MVC and OOP principles.
- Enabled patients to book appointments or submit appointment requests for doctor approval.
- Integrated Stripe API for secure online payments.
- Integrated OpenAI API to analyze patient-entered symptoms and suggest possible medical conditions.

SKILLS HIGHLIGHTS:

- **Programming Languages:** PHP, C++, Java, C#.
- **Web Development:** HTML, CSS, Laravel, ASP.NET Core (.NET).
- **Tools:** Git, GitHub, XAMPP.
- **Concepts:** OOP, MVC Architecture, Data Structures.
- **Databases:** MySQL (phpMyAdmin, MySQL Workbench), SQL Server.
- **Project Management (Agile fundamentals, teamwork, planning).**