

Jihad Hijazi

42 Student – Level 3

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Education

42 Beirut - Level 3

2025 – Present

42 Core Curriculum - Architecture of Digital Technologies Program

Lebanese International University

2019 – 2023

Bachelor of Science in Computer Science

Experience

Info Sys

May 2025 – August 2025

ERP Specialist Intern

Beirut, Beirut

- Provide on-site client support, troubleshooting Microsoft Dynamics 365 Finance & Operations issues to ensure seamless operations.
- Support data migration efforts from Microsoft Dynamics AX to Dynamics 365, ensuring accurate data mapping, validation, and seamless transition.
- Manage Microsoft Dynamics 365 setup and configuration to align with business needs.
- Conduct training for clients' team members, ensuring effective system adoption and utilization.
- Act as a connection between clients and internal teams, gathering requirements and conveying business needs for system enhancements.
- Collaborate with client teams to analyze workflows, identify inefficiencies, and implement optimized solutions.

Selected Projects

Restaurant Management System | *HTML/CSS, JavaScript, PHP, SQL*

June 2022

- Developed a Restaurant Management System to manage table reservations and takeaway orders for a restaurant.
- Built using HTML/CSS, JavaScript, jQuery, PHP, and SQL to handle front-end interactions and backend data processing.
- Implemented features including table reservation, takeaway ordering, and an admin dashboard for managing menu items and tracking orders.

Arachnida, Basic Web Scraper | *Python, BeautifulSoup, Requests*

November 2025

- Developed a Python-based web-scraping tool using BeautifulSoup and Requests to detect, collect, and download images of specified extensions from target websites.
- Implemented custom logic to extract basic file information and parse available EXIF metadata without relying on external EXIF-processing libraries.

OTP Code Generator | *Python*

November 2025

- Implemented a time-based One-Time Password (TOTP) authentication system following RFC 6238, generating secure verification codes for user authentication.
- Engineered robust cryptographic functionality using secure hashing algorithms (HMAC-SHA1) and Base32 encoding, ensuring the integrity and confidentiality of secret keys for reliable OTP generation.

Pipex | *C Programming Language*

September 2025

- Built a Unix-style pipeline program ("pipex") in C, replicating shell behavior by executing multiple commands with redirected input/output.
- Implemented robust process management using `fork()`, `execve()`, and file descriptor manipulation to ensure accurate data flow between commands.

2D Mini Game | *C Programming Language, Minilibx Library*

October 2025

- Created `so_long`, a 2D tile-based game using C and the MiniLibX library, implementing sprite rendering, map parsing, and smooth player movement.
- Designed game logic including collectibles, enemy interactions, and win/lose conditions, while ensuring proper memory management and error handling.

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, SQL, PHP, Bash

Developer Tools: Microsoft Dynamics 365 F&O, VS Code, Eclipse, Android Studio, IntelliJ

Technologies/Frameworks: Angular, Git, Docker

Operating Systems: Linux and Windows

Relevant Coursework and Workshops

- 42 Beirut Extracurricular Cybersecurity Piscine **Nov 2025**
 - Title Course, Coursera **April 2025**
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