

FATIMA CHAKARON

Computer and Communication Engineering

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SUMMARY:

Computer and Communication Engineering student with an interest in Artificial Intelligence, software development, and intelligent systems. Experienced in Python, Java, networking fundamentals, and AI-related projects through academic work and personal learning. Looking to gain practical experience, improve technical skills, and contribute to real-world AI solutions within a professional team environment.

EDUCATION

Bachelor's Degree in Computer and Communication Engineering (CCE)

Islamic University of Lebanon | 2022 – 2027

TECHNICAL SKILLS

- Languages: Java, JavaScript, Python, C, C++
- Web Development: HTML, CSS, JavaScript, PHP
- Database: SQL Server, MySQL, Oracle
- Networking: Cisco Packet Tracer, TCP/IP, Routing & Switching, VLANs, OSPF, Basic Network Troubleshooting
- AI & Computer Vision: OpenAI API Integration, YOLO-based Object Detection, HuskyLens
- Tools & Software: VS Code, NetBeans, SSMS, Git, Cisco Packet Tracer, MATLAB, Simulink
- Operating Systems: Linux

PROJECTS AND TRAINING

Smart Assistive Cane for Visually Impaired People

- Embedded system using Arduino, sensors, HuskyLens AI vision sensor, and audio guidance for obstacle detection.
- Implemented AI-based object detection and voice navigation using YOLO experiments and computer vision concepts.

CourseHub — Java Desktop Application

- Developed a Java Swing platform with SQL Server integration, authentication system, and AI-based course recommendations.
- Used Java, JDBC, OpenAI API, and role-based access management.

Aura Bridal — Responsive Website

- Designed a responsive bridal website using HTML and CSS with modern UI/UX styling and interactive sections.
- Implemented responsive layouts, sliders, navigation menus, and contact forms.

AI-Based CV Analysis Website (Ongoing)

- Developing a web platform using HTML, CSS, PHP, databases, JavaScript and AI-based CV analysis features.

- The system provides recommendations for missing skills, projects, and internship opportunities.

Networking Project — Cisco Packet Tracer

- Designed and configured network topologies including routing, switching, and troubleshooting scenarios.
- Simulated practical CCNA networking concepts using Cisco Packet Tracer.

CERTIFICATIONS

- Python Training — Ramak Association | Remote | July 2024
- Mobile Application Training — Ramak Association | Remote | August 2022
- Positive Communication Skills — BS Training | Remote | October 2023

LANGUAGES

- Arabic: Native
- English: Intermediate
- French: Advanced.