

Malak Khodor

Software Developer



I am a dedicated Computer Science student with proficiency in C++, Java, and Python.
Experienced in building impactful projects such as bank and hospital management systems.
Passionate about developing innovative software solutions that enhance daily life and address real-world challenges

Experience

Intelligle | Project Management Intern | [Juin 2024] - [October 2024]

Led external authentication project, ensuring secure user access. Collaborated with the development team to implement security measures and design user-friendly interfaces, gaining experience in project management and software development

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- Gained foundational skills in C++, problem-solving, shell scripting, Linux, and Git through hands-on projects.
- Strengthened teamwork and communication by collaborating with peers in a fast-paced environment.

Full Stack Developer Intern | Ogero [May 2025] – [Dec 2025]

- **Full-Stack:** Built a React.js admin console and a Spring Boot API with JWT authentication.
- **Database:** Migrated JSON to PostgreSQL; implemented CRUD and optimized queries using indexing
- **Architecture:** Designed RESTful APIs and applied OOP principles for scalable systems.
- **Tech Stack:** Worked with C++, Golang, and modern development practices in a fast-paced team environment.

Khawarizmi | Workshop Instructor

- Conducted a **Power BI Data Analysis** Workshop, teaching data visualization and analytics techniques.
- Led a **Backend Django Workshop**, covering backend development, database integration, and API design.
- Built an **Agentic AI** prototype (multi-step LLM workflow) to automate personalized support and content generation with safety guardrails, structured logging, and tool-based actions.
- Developed **TamTam**, an **AI-powered application** for children featuring interactive experiences, creative sketching, an engaging avatar, and personalized AI-driven support.
- Served as an **Ambassador** at Khawarizmi, mentoring students, supporting technical communities, and representing the organization in events and outreach initiatives.

Certifications

DOT: Robotics & Cybersecurity
Canada Fund: IT for Kids
Udemy:
• Full-Stack Web Development (HTML, CSS & JavaScript)
• Master Flutter & Dart Development
• Python Programming
• n8n – Low-Code Workflow Automation
• AI Agents
• Avatar Blender – 3D Modeling & Design

Technical Skills

- Programming: C++, Java, Python
- Databases: Microsoft SQL Server, PostgreSQL
- Mobile Development: Flutter
- AI & Automation: AI Agents, n8n Workflow Automation
- Data & Analytics: Power BI, AI-to-Database Analysis

Projects

- TamTam: AI-powered children’s application featuring interactive experiences, sketching, avatars, and personalized AI-driven support.
- Hospital Management System (Java): GUI-based system for managing patients, doctors, and appointments.
- Book Store System: Web application for managing books and customer orders.
- Chatbot Application: AI-assisted chatbot for automated user interaction.

Activities

CodeWars(https://www.codewars.com/users/malak_khodor)
HackerRank: [malak-khodor | 5-star in Python]
LeetCode: [malak993 | 500+ problems solved]

Professional Development

Continuous practice in problem solving, AI automation, and full-stack development through real-world projects and competitive coding platforms.

Languages

English: Advanced
French:Intermediate
Arabic: Native