

Ahmad Mrad

Software Developer

Address: Chehim El Shouf | Phone: 71365806 | Email: Ahmadmrad169@gmail.com
LinkedIn: www.linkedin.com/in/ahmadmrad

Summary

Computer Science graduate with a solid foundation in software development and artificial intelligence. Proficient in Java, Python and JavaScript, with experience building structured and practical digital solutions. Strong analytical and problem-solving skills, with a continuous commitment to learning and professional growth.

Education

Bachelor of Science in Computer Science

Lebanese International University | Jan 2022 - Sep 2025

Developed a strong foundation in computer science principles, including algorithms, data structures, cloud & network fundamentals, software engineering, and web development. Gained practical experience in artificial intelligence and natural language processing through academic and independent projects.

Experience

LIMS & IT Support Associate Internship - Advanced construction Technology Services (ACTS) | Nov 2025 - Jan 2026

- Assisted in configuring Laboratory Information Management System (LIMS) to streamline workflows.
- Supported system documentation and ensured data integrity across operational processes.
- Coordinated with internal teams to resolve technical issues and maintain system availability.
- Managed technical troubleshooting across hardware, software, and network environments.

Projects

ChronoTrack

- Developed a full-stack HR dashboard with role-based access, automating attendance and payroll tasks by 90%.
- Implemented JWT authentication, real-time punch tracking, and multi-session support.
- Built dashboards for HR (employee management, payroll) and employees (punch timeline, leave overview).
- Added CSV/PDF export, live charts, and protected routes.
- Technologies: React, Tailwind CSS, FastAPI, Tortoise ORM, SQLite, Chart.js, Framer Motion
- Github: github.com/AhmadMrad/ChronoTrack

Hire Me - Semantic Resume Matcher

- Built a semantic matching engine using Sentence Transformers and cosine similarity, achieving ~85% accuracy in aligning candidate skills with job descriptions.
- Parsed resumes with spaCy to extract structured data (skills, education).
- Implemented skill clustering with ESCO taxonomy for relevance scoring.
- Designed an interactive Gradio interface for resume uploads and match visualization.
- Technologies: Python, spaCy, Sentence Transformers, Gradio

Skills

- **Languages:** Java, CSS, JavaScript, Python, HTML, PHP
- **Frameworks & Libraries:** React, FastAPI, Sentence Transformers, spaCy
- **Databases:** MySQL, SQLite, Tortoise ORM
- **AI & ML:** Machine Learning, Deep Learning, Natural Language Processing (NLP), TensorFlow, PyTorch, Semantic Matching, Model Training & Evaluation
- **Cloud & Infrastructure :** Networking & System Knowledge, Git, Github, Azure cloud concepts, Rest APIs & secure Authentication (JWT)
- **Soft Skills:** Strong problem-solving and analytical thinking, Ability to work in a team and adapt to new technologies, Effective communication and time management

Certifications

- **Introduction To Computation & Programming Using Python** | AUB - Jan 2024
- **CCNA – Introduction to Networks** | Cisco - Jan 2024
- **CCNA – Switching, Routing, and Wireless Essentials** | Cisco - Jan 2025
- **AI & DATA ENGINEER** | ZAKA AI - Oct 2025

Languages

- Arabic: Native
- English: Professional
- French: Intermediate