

Amin Kordab

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Education

University of Balamand
Bachelor of Science, Computer Science

Koura, Lebanon
2022-2025

University of Balamand
Minor in AI & Robotics.

Koura, Lebanon
2025-2026

Experience

AI Conference in Lebanon by Hikmat Al Biaani
Volunteer

Lebanon
July 2025

- Assisted in organizing and coordinating logistics for AI-related workshops and speaker sessions, ensuring smooth event execution.
- Supported attendee registration, technical setup, and real-time troubleshooting during conference panels and live demonstrations.
- Engaged with industry professionals and researchers, enhancing communication skills and gaining exposure to current trends in artificial intelligence.

Balamand Computer Lab
Student Work (OOP, DS, Database, Mobile)

Koura, Lebanon
September 2023 – May 2025

- Developed iOS and android mobile applications projects using Swift and Objective-C as part of university coursework.
- Built and tested mobile app features including user interfaces, navigation flows, and data handling.
- Gained hands-on experience with Xcode, UI design principles, and mobile application lifestyle management.
- Developed and tested Java and C++ applications applying object-oriented principles such as inheritance, encapsulation, and polymorphism.
- Implemented key data structures (linked lists, stacks, queues, trees, graphs) and algorithms to solve real-world computing problems efficiently.
- Designed and managed relational databases using SQL; built queries, normalized schemas, and created ER diagrams for academic projects.

EIC
Tutor

Semkanieh, Lebanon
July 2021 - November 2021

- Delivered engaging English lessons focused on reading, writing, speaking, and listening skills tailored to students' ability levels.
- Created and implemented interactive lesson plans, using games, stories, and multimedia to enhance language learning.
- Assessed student progress through tests and assignments, providing constructive feedback and individualized support to improve performance.
- Gave lessons in Mathematics focusing on Algebra, Geometry, and problem solving.

Skills & Interests

AI and Robotics Skills: Machine Learning Algorithms - Computer Vision - Natural Language Processing - Reinforcement Learning - Embedded Systems and Microcontrollers - Sensor Integration and Calibration - Path Planning and Navigation - Robot Kinematics and Dynamics

Technical Skills:

- **Mobile Development:** Swift, Objective-C, iOS development, Android development, Xcode, Android Studio.
- **Programming Languages:** Java, Python, C++, JavaScript, C, MATLAB.
- **Web Development:** HTML, CSS, Node.js, React.js
- **Database Systems:** SQL, MongoDB, PostgreSQL, Prisma.
- **AI/ML Frameworks:** TensorFlow, PyTorch, Keras, Tesseract, OCR, Scikit-learn.
- **Robotics & Tools:** ROS, Gazebo, OpenCV, Arduino, Raspberry Pi
- **Operating Systems:** Linux/kali, Windows
- **Development Concepts:** Object-Oriented Programming, Data Structures & Algorithms, Debugging, API integration.

Soft Skills: Career Readiness Assessment Score by Tiqani: 87/100 (Excellent – Market Ready)

- Communication – 100/100
- Resilience – 100/100
- Teamwork – 93/100
- Self-Awareness – 93/100
- Goal Setting – 93/100
- Influence & Leadership - 90/100
- Time Management – 87/100
- Professional Behaviors - 80/100

Language: Arabic: Native Proficiency
English: Full Professional Proficiency
French: Basic

Certificates & Trainings

- Ethical Hacking - Certified by ISO
- Cyber Security - Itronics Solutions
- Cryptanalysis - Google Certificates
- Cyber Security Course from A to Z - Semicolon Academy