

MOHAMAD KHALED KORHANI

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EDUCATION

University of Balamand, Al Koura
B.Sc. Computer Science | GPA: 77%

Expected 2026

Al Arz Educational Compound
Lebanese Baccalaureate — Life Sciences | Grade: 16.5/20

2021

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, C#, Ruby, SQL, Assembly, R

Frontend/Mobile: React, Next.js, HTML5, CSS3, JavaFX, Android Development

Backend & Databases: Node.js, Nest.js, Spring Boot, REST APIs, PostgreSQL, MySQL, SQL Server

Tools: Git, GitHub, Postman, VS Code, IntelliJ IDEA, Android Studio, Cursor AI

ACADEMIC PROJECTS

SmartLearn — AI-Enhanced Educational Platform

React · Nest.js · Next.js · PostgreSQL

- Built a full-stack platform with AI-generated flashcards, interactive quizzes, and attendance streak tracking
- Designed RESTful backend with Nest.js/Next.js; managed user progress and analytics in PostgreSQL

BudgetBuddy — Personal Finance Manager

Java · Spring Boot · JavaFX · MySQL

- Desktop app for tracking income, expenses, and financial reminders with a data visualization dashboard
- Applied MVC architecture with Spring Boot backend and JavaFX UI

Pac-Man Game Engine

Vanilla JavaScript · HTML5 Canvas

- Rebuilt Pac-Man from scratch — no libraries — with custom AI pathfinding for ghost characters

Car Rental & Sales Platform

JavaScript · HTML · CSS · MySQL

- Full-featured web app with user auth, vehicle browsing, booking, and normalized database schema

SkillUp LMS — Learning Management System

React · Node.js · PostgreSQL · REST APIs

- Senior capstone project: a full-stack LMS with course management, student enrollment, progress tracking, and an admin dashboard
- Designed RESTful API with role-based access control (students, instructors, admins); deployed with a responsive React frontend

EXPERIENCE

Laboratory Assistant

University of Balamand

- Supported students with debugging and programming coursework across CS lab sessions

Staff Member / Cashier / Service Staff

GVM · Edd's Boneless · Zaatar w Zeit | 2019–2023

- Developed customer service, cash handling, and teamwork skills across fast-paced retail and F&B environments

CERTIFICATIONS

Python Basics for Data Science — IBM | **Relational Databases & SQL** — Stanford Online | **AI for Everyday Tasks** — Microsoft

LANGUAGES

Arabic (Native) **English** (Fluent) **French** (Intermediate)