

# Abdullah Ahmed Al-Mekhyal

+965 5580 5805   a.almekhyal05@gmail.com   Kuwait

## PROFILE

Computer Science undergraduate at Kuwait University with experience in **AI, data mining, database systems, and system programming**. Skilled in **SQL, machine learning for AML analytics**, and **client-server development in C**. Active leader in the Computer Science Club and participant in international competitions.

## EDUCATION

**Kuwait University** Sep 2023 – Present  
*Bachelor of Computer Science* Kuwait

- **Coursework:** C and Unix; Computer Systems; System Programming; Database Systems; Data Mining; Data Structures; Algorithms Design and Analysis; Theory of Computation

## EXPERIENCE

**Global Student Research (GSR)** 2025 – Present  
*Local Ambassador* King Fahd University of Petroleum & Minerals (KFUPM)

- Represent and support student research and innovation initiatives at the local level.
- Promote academic research activities and facilitate collaboration among student researchers.

**Computer Science Club (CSC)** Sep 2024 – jun 2025  
*Secretary* Kuwait University

- Coordinated executive schedules and supported technical events (workshops, hackathons, field visits).
- Drafted official correspondence and communication with academic and industry partners.

**Kuwait National Petroleum Company (KNPC)** Jul 2024 – Aug 2024  
*IT Intern – Training Center* Kuwait

- Gained exposure to enterprise IT systems, workflows, and professional documentation practices.

## PROJECTS

**Motor Vehicle Collisions Database (NYC)** (*Database Systems*) 2025/2026

- Built an ER model and implemented a **3NF** relational schema (Collisions, Locations, Vehicles + bridge table).
- Performed cleaning/ETL via staging table; enforced **PK/FK/CHECK/NOT NULL**; used Oracle SQL Developer.
- Wrote advanced SQL (joins, aggregations, subqueries, window functions) for pattern and severity analysis.

**AI-Based Money Laundering Detection (AML)** (*Machine Learning*) 2025

- Developed ML approaches for suspicious transaction detection; worked with AMLSim and SAML-D datasets.

**Networked File Synchronization System** (*C, Client-Server*) 2025

- Implemented a client-server sync system using checksum-based comparison to detect changes and transfer files.
- Presented work at MILSET Expo-Sciences International (Abu Dhabi).

## ACHIEVEMENTS

- 
- Gold Medal & First Place AI-Based Attack Detection for UAVs (GCC Cybersecurity Summit, Qatar, 2025).
  - International Presenter Networked File Synchronization System (MILSET Expo-Sciences International, Abu Dhabi, 2025).
  - Participant Google Cloud Intelligent Planet Hackathon (with KFUPM).

## **SKILLS**

---

**Languages:** C, C++, Python, SQL

**Data/AI:** Data Mining, Machine Learning, AML Analytics

**Databases:** ER Modeling, Normalization (1NF–3NF), Oracle SQL Developer

**Systems:** Linux/Unix, System Programming, Client–Server Programming

## **LANGUAGES**

---

Arabic (Native), English (Fluent)