

Riwa Hoteit

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PROFESSIONAL EXPERIENCE

Snowflake, Software Engineer Intern

Warsaw, Poland — July 2025 to December 2025

- Shipped 20+ **REST** and **Python API** endpoints, enabling external integrations and **cutting developer onboarding time** by ~30%.
- **Implemented feature gating** across **SQL** parameters, **OpenAPI** specs, and backend **Java** logic, allowing controlled rollout of preview features to **thousands of developers**.
- Added Role and Warehouse support to **REST APIs**, ensuring parity with **SQL APIs** and enabling **Terraform** automation for **enterprise clients**.
- **Increased test coverage** by building **integration, regression and unit tests** in **Python** and **SQL**, validating query execution across key developer workflows.

inmind.ai, Simulation Engineer

Beirut, Lebanon — April 2023 to June 2025

- **Developed scalable multiplayer client systems** for Caterpillar, enabling **smooth collaboration** and training simulations with dozens of **simultaneous client sessions** while reducing synchronization latency by **20%**.
- Built an **AR SLAM iOS app** with Unity + Vuforia, enabling **real-time robot tracking with <50 ms error margin**, adopted by internal R&D teams for prototyping and testing.
- Delivered PickPack (Rolls Royce digital showroom) in **Unity** and a **Three.js + Angular** 3D viewer, **improving load times by 40%** and used internally by Rolls Royce teams for client demonstrations and product configuration.
- **Led Agile ceremonies as Scrum Master** for a *5-person cross-functional team*, **improving sprint velocity** while also contributing **backend features** and client integrations as a core developer.

Geek Express, Robotics & VR/AR Summer School, Coding Instructor & Tutor

Beirut, Lebanon — July 2024 to August 2024 & September 2022 to May 2023

- **Instructed 50+ students** in robotics and VR/AR development (Unity, VEX VR), guiding them to complete hands-on projects in **programming, simulation, and automation**.
- **Designed and delivered curricula**, for students across all levels, focused on **clean APIs, modular design, and iterative development**, resulting in *90% of students successfully shipping functional projects by program end*.

PROJECTS

[Notion + Revolut Finance Integration](#)

- Automated ingestion of **100+ monthly transactions** from Revolut into Notion via **REST APIs**, eliminating manual tracking.
- Built **semantic search** and categorization across **multi-currency data**, cutting reconciliation time by ~70%.
- Implemented real-time **currency conversion pipelines** for accurate reporting and analytics.

[Beirut](#)

- Built a **React Native + Node.js/Express app** with **MySQL** backend, supporting *hundreds of restaurants*.
- Integrated **Notion CMS** for automated data sync and added **GPT-3.5 + Whisper** for **conversational, AI-powered recommendations**.

[TOPS Algorithm](#)

- Developed an **interactive React application** simulating ATPG algorithms (fault sensitization, backtracking, D-Frontier).
- Optimized code for **real-time visualization**, helping students and developers understand complex algorithms.

Other Projects

[Portfolio](#) & 3D Web Apps: Interactive **React + Three.js** apps showcasing UI/UX design with performance optimizations.

[Static Bloom \(In Development\)](#): **Unity + C#** narrative game with custom assets and scripted mechanics.

EDUCATION

Lebanese American University, B.E, Computer Engineering with Honors, Minor in Animation

Jbeil, Lebanon — Fall 2020 to Spring 2025

- President, Google Developer Student Club
- Founding President, IEEE Women in Engineering
- Vice President, IEEE Artificial Intelligence Club
- Student Representative, Computer Engineering (Fall 2023 – Spring 2025)
- Notion Campus Leader (2024 – 2025)
- Student Advisory Council Member

SKILLS & PERSONAL

Languages: Arabic (native), English (fluent), French (basic)

Programming Languages: Python, Java, SQL, C#, TypeScript, JavaScript

Frameworks & Tools: FastAPI, MySQL, Docker, Snowflake, Unity, Three.js, Notion

Interests: Video Games, Anime, Boxing