

TAREK EL SAABI

Beirut, Lebanon

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Professional Summary

Computer and Communications Engineering graduate and startup co-founder focused on AI-enabled product management, product analysis, and business analysis. Experienced in defining MVP scope, translating user problems into product workflows, coordinating technical execution, and using AI-assisted development to accelerate delivery. Selected for a \$150,000 pre-seed funding package from *Fusen VC* and won \$10,000 in seed funding from the *IDEAS Competition*.

Education

American University of Beirut

Bachelor of Engineering in Computer and Communications Engineering

Sep. 2021 – May 2025

Beirut, Lebanon

Experience

ScamScans, Inc.

Feb 2025 – Present

Co-founder & Product Lead

Remote

- Led product strategy and execution across two AI-enabled products: ScamScans, a travel-safety scam intelligence app, and Matina, an AI-assisted building quality assessment platform.
- Defined product requirements, MVP scope, user flows, and technical workflows across mobile capture, backend sync, AI processing, report generation, document editing, and PDF export.
- Designed ScamScans' core reporting and verification workflow, combining dedicated data entry with community-submitted scam reports to improve tourist safety in unfamiliar countries.

Systeminence

June 2025 – August 2025

AI and Fullstack Intern

Remote

- Developed an intelligent email assistant using LangChain and LangGraph to automate message summarization, response drafting, and workflow support.
- Worked on computer vision and AI projects involving traffic light detection, multi-frame tracking, and anomaly detection systems.

Bluering

September 2024 – October 2024

Fullstack Intern

Beirut, Lebanon

- Implemented and refined backend services for employee management, expense claims, leave requests, and internal business workflows using Java, PHP, Maven, and Spring Boot.

Product & AI Projects

Matina | AI Building Quality Assessment Platform

2025 – Present

- Built and piloted an AI-assisted platform that helps engineers capture site observations through voice, photos, and notes, then generate structured building assessment reports.
- Designed the core product workflow: offline field capture, sync, transcription, AI parsing, report generation, document editing, and PDF export.
- Translated engineer pain points into product requirements, user flows, database structure, and MVP milestones.
- Used AI coding agents and subagent-driven development workflows to accelerate prototyping, implementation, debugging, and documentation.

Tlobne | AI-Powered Freelancer Marketplace for MENA

April 2025

- Designed and developed a freelancer marketplace concept for the MENA region with AI-powered job matching.
- Defined user profiles, job-posting structure, and matching logic for a two-sided marketplace.
- Built a semantic search and recommendation workflow using embeddings, vector search, and retrieval-augmented generation.

Coffee Cup Recognition and Status Detection System | Python, YOLO, Computer Vision

November 2024

- Built an end-to-end computer vision system to detect paper cups and classify their status as full, empty, covered, or uncovered.
- Captured and prepared training data, trained a custom YOLO model, and evaluated performance across different cup positions and states.
- Implemented frame tracking and stereo camera depth estimation to visualize motion and calculate spatial coordinates.

Product & Analytical Skills

Product: MVP scoping, product requirements, user flows, roadmap planning, stakeholder communication, product testing, workflow design

Analytics: SQL, Python, Excel/Google Sheets, market research, user feedback analysis, data-driven decision support

AI-Assisted Development: Claude Code, AI coding agents, agentic development workflows, subagent-based task decomposition, rapid prototyping, technical documentation

Technical Fluency: React, Firebase, Supabase, RESTful APIs, LangChain, LangGraph, TensorFlow, PyTorch, YOLO, OpenCV, Git