

Hussein Khamis

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About Me

Motivated and detail-oriented Computer Science graduate from Haigazian University with hands-on experience in tutoring, coding, robotics, and full-stack development. Passionate about technology, education, and continuous learning.

Education

Haigazian University — BS in Computer Science, Spring 2025/26

Lycée Jamil Rawwas & Lycée Pilote – Hadath — Lebanese Baccalaureate in Life Sciences, Brevet

Experience

Full-Stack Software Engineer Intern, SE Factory (FSE Bootcamp) Jun 2025 – Aug 2025

- Completed 8-week intensive software engineering program (June 23 – Aug 18, 2025).
- Built full-stack web apps using PHP, Laravel, JavaScript, Docker, Git, AWS.
- Collaborated in agile teams following industry-level practices.

Coding & Robotics Tutor, Coducators Center Nov 2024 – Present

- Taught foundational programming and robotics to students; led group projects and workshops.

Coding & Robotics Tutor, Kalimat Center (including Summer Camp) Jun 2024 – Sep 2024

- Delivered web development, Scratch, and robotics (mbot2) sessions; guided student projects.

Logistics Coordinator, Computer Science Society, Haigazian University Jun 2024 – Present

Projects

Ma3akBand — React Native health monitoring app with BLE/ESP32 wearable, real-time BPM/GSR/motion dashboard, peer pairing, and anomaly alerts. Built with Expo, TypeScript, Supabase.

NextThursday — Full-stack task management mobile app with location tracking, calendar integration, and JWT auth. React Native (Expo) frontend; Express.js + TypeScript + Prisma + PostgreSQL backend.

Proxy Caching Server — Multithreaded HTTP proxy in Python sockets with TTL/LRU caching, blacklist filtering, HTTPS tunneling, smart cache headers, and password-protected admin interface.

E-commerce Platform — Online store with product catalog, cart, and payment integration.

Admin Dashboard for Remotelyx — Dashboard for managing platform operations.

University: Tokenizer & Type Checker, Percolation (Princeton), Airport Flight System, Library System

Skills

Languages: PHP, Java, JavaScript, TypeScript, Python, C++, C#, HTML5, CSS, Scratch

Frameworks & Tools: Laravel, Node.js, Express.js, React Native, Expo, Prisma, Streamlit, Git, MongoDB, PostgreSQL, Supabase, AWS EC2, Docker, n8n

Hardware & Robotics: Arduino, ESP32, Lego EV3, mbot2

Soft Skills: Teamwork, Communication, Problem Solving, Fast Learning, Flexibility, Responsibility

Languages

Arabic (Native), French (Very Good), English (Very Good)