

# KHOULOU KARKABA

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## Profile Summary

Analytical Computer Science professional and STEM Educator with a focus on Monitoring & Evaluation (M&E) and Curriculum Design. Proven track record in using data-driven tools like SurveyCTO and Kobo Toolbox to improve educational outcomes. Committed to scaling high-impact STEM programs through evidence-based reporting and iterative curriculum refinement

## Professional Experience

### CodeBrave | STEM Teacher Trainer

Dec 2023 – Present

- Progressed from Teacher Assistant to Robotics Tutor to Trainer Support then Teacher Trainer reflecting strong performance and leadership.
- Conduct classroom observations to assess current teaching practices and identify areas for improvement
- Train teachers on the PRIMM method (Predict, Run, Investigate, Modify, Make) through workshops and practical sessions
- Provide hands-on support and coaching during lesson planning and delivery
- Analyze teaching performance and student engagement based on observations and outcomes
- Prepare and share detailed feedback reports while tracking teachers' progress over time
- Kobo Toolbox, Google Forms, Microsoft Forms

### B.O.T (Bridge. Outsource. Transform) | Data Collector

Sep 2025 – Present

- Conducted field monitoring and data collection using SurveyCTO for 20+ supermarkets, maintaining high data accuracy for organizational research in Beirut and Mount Lebanon.
- Collected qualitative and quantitative data through structured interviews.
- Maintained high data accuracy to support organizational research outcomes.
- OpenSource Platform: SurveyCTO

### Alfa Telecommunication | Customer Experience Intern

Jul 2023 – Aug 2023

- Executed Quality Assurance (QA) monitoring across 50+ locations, using standardized checklists to transform qualitative observations into structured service improvement reports
- Collected structured feedback using standardized checklists.
- Reported insights and recommendations to support service improvement initiatives

### Alfa Telecommunication | Call Agent April 2023 – October 2023

- Handled high-volume calls from frustrated customers regarding 4G connectivity issues across Lebanon.
- Diagnosed problems, provided clear explanations, and guided customers toward effective solutions.
- De-escalated tense situations while maintaining service quality and customer satisfaction.

### Amideast | Project Manager Assistant

Nov 2022 – Feb 2023

- Researched educational platforms and digital solutions to support new teaching and learning methods.
- Assisted in managing and maintaining the Moodle learning platform for academic programs.
- Supported the Head of Education with coordination, documentation, and daily project tasks.

## Education

### -Bachelor of Science in Computer Science | Lebanese University

Courses: Java, C, Python, PHP, ASP.NET, HTML, CSS, JavaScript, Data Structures, OOP, Operating Systems, Networks, Parallel Computing, Simulation, Database, Project management.

## Extra-Curricular Leadership & Volunteering

**Rotaract Club of Baabda | Personal Development Director** **2025 – Present**

- Designed and delivered leadership and professional development workshops.
- Coordinated guest speakers and monitored member development progress.

**Intersection Tech | Alumni Board Member** **2024 – Present**

- Guided alumni engagement and supported technical career development.

**IEEE Comsoc Society | President – Volunteer** **2024 – Present**

- Organized technology workshops to strengthen student technical skills.

**Kalimat | Chess Instructor – Volunteer** **2024 – 2025**

- Developed strategic thinking and problem-solving skills in children.

**Beirut AI | Project Lead – Volunteer** **2023 – 2024**

- Led AI project development and coordinated technical roadmaps.

## Certifications & Awards

- Foundations of Data Analysis : Google(2026)
- Fundraising & Development Foundations: UC Davis (2026)
- YLP 10: UNDP (2024\_Present)
- IBM AI Fundamentals (2024)
- DataCamp Python (2024)
- Cisco Introduction to IoT (2024)
- Design Thinking & Entrepreneurship (2022)
- Female Chess Champion (2024)
- HULT Prize Entrepreneurship
- First Stage Chess Winner (2023)

## Languages:

-French (fluent)      -English (Fluent)    \_Arabic (Native)    -Spanish (Beginner)

## Skills:

- Technical:** Python, JavaScript, Scratch, MakeCode, Moodle, C, C++,Java, JavaScript.
- M&E Tools:** Kobo Toolbox, SurveyCTO, Google Workspace (Docs, Sheets, Drive).
- Soft Skills:** Curriculum Mapping, Data Cleaning, Site Monitoring.