Maroun El Khoury

Phone: (+961) 71 673 035
Email: marounkhoury59@gmail.com
LinkedIn: https://www.linkedin.com/in/marounelkhoury-dev
Portfolio: https://maroun-el-khoury-portfolio.netlify.app/
Github: https://github.com/marounelkhoury
Address: Fanar, Beirut

Summary

Motivated developer and computer science student with a strong foundation in Flutter, C++, and Java, and hands-on experience in data-driven app development. Combines a background in physics with analytical problem-solving and a passion for building user-focused, high-performance applications. Actively seeking opportunities to contribute to innovative software engineering or mobile development projects.

Professional Experience

XpertBot Academy

Mobile Developer and Data Science Intern (November 2024 – June 2025)

- Developed and deployed high-performance mobile applications using Flutter and Dart.
- Engineered robust and scalable applications by implementing the Model-View-Controller (MVC) architecture, ensuring clear separation of concerns and maintainability.
- Contributed to real-world projects, improving app performance and data-driven insights.
- Developed a mobile application for smart home automation using Flutter and Dart, showcasing proactive engagement with emerging technologies and user-centric design principles.
- Worked on leveraging data analytics to optimize application performance and enhance smart home automation features.

National Protestant School, Kfarshima

Physics Teacher / Mathematics Special Educator (November 2023 - July 2024)

- Created engaging and interactive physics lessons for middle school students
- Designed individualized learning plans to support students' unique needs
- Worked on students' IEP throughout the whole academic year

Academic Learning Centre, Sabtiyeh

Physics and Mathematics Tutor (October 2023 - June 2024)

- Developed and delivered interesting physics and mathematics lessons to middle and high school students

Education

Lebanese University, Fanar

- **Bachelor's Degree in Computer Science (2024 - 2026)**

- **Master's Degree in Fundamental Physics, Nanoscience and Functional Material**

  - Internship and Thesis in Microfluidics. Study of the electric heat transfer and electric charge transport at the surface of microelectrode in micro-electric channel.

- **Bachelor's Degree in Physics**

Skills

- **Programming Languages:** C++, Java, Python, Dart
- **Web Technologies:** React, HTML, JavaScript, CSS
- **Tools & Technologies:** Flutter, Git, MATLAB, MVC architecture
- **Data Analysis & Visualization:** Pandas, NumPy, SQL
- **Soft Skills:** Teamwork, Time Management, Problem-Solving, Communication, Critical Thinking, Adaptability

Certificates

- **"Google Data Analytics"** Coursera, Google (October 2023)
- **"Using database with python"** Coursera, University of Michigan (December 2021)
- **"Python data structure"** Coursera, University of Michigan (October 2020)