

# Ibrahim Harmoush

 Beirut, Lebanon

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## LINKS



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## EDUCATION

Aug 2021 — Aug 2025

**Bachelor of Engineering in Computer and Communications Engineering, American University of Beirut**

*Beirut, Lebanon*

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## EXPERIENCE

Feb 2022 — June 2025

**IT Support Assistant, Work Study Program at AUB**

*Beirut, Lebanon*

Collaborated with the IT Support team at MSFEA Department at AUB by managing the ticketing system using TeamDynamix, categorizing assets on EAM, supporting peers as a calling agent via Cisco Calling Center, resolving technical incidents and providing services for students and professors. In addition to maintaining IT inventories by replacing and/or fixing parts and devices.

May 2024 — Aug 2024

**AI and Software Engineering, Internship at InMobiles Holding**

*Mkalles, Lebanon*

Worked on developing an AI-powered attendance system using CCTV surveillance. We prepared training data, evaluated multiple face detection and recognition models, and implemented a process to convert detected faces into vector embeddings, which were stored in a database for comparison and identification

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## PROJECTS

**FYP Car Dealership Website:** Designed and implemented an interactive web portal for a car dealership, built with Flask, SQLAlchemy, and BeautifulSoup4. It has an interactive AI Chatbot that assists the user and interprets scraped data.

**LBP-USD Currency Exchange Mobile App:** Developed the native Android client for a multi-platform currency exchange application using Kotlin and implemented a reactive UI with that can handle user authentication and P2P offer management by integrating with a Flask/SQLAlchemy REST API.

**Object-Tracking:** Implemented real-time object detection and tracking system built with YOLOv5 algorithm using PyTorch for deep learning model development, and OpenCV for video processing. The application involves applying the model to live video streams, where it performs object detection and NMS.

**Cipher Encryption:** Collaborated with team members to create an interactive cryptography website including classical encryption/decryption techniques.

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## SKILLS

**Programming Languages**  
Software

Python, Java, SQL, C++  
Android Studio, Colab, TensorFlow, Flask, Git

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## LANGUAGES

**Arabic**  
English

Native speaker  
Full Proficiency