

Ali Rammal

📍 Beirut, Lebanon

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in [Ali Rammal](#)

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Languages

Arabic ●●●●●

French ●●●○○

English ●●●○○

Education

- **Bachelor of Engineering: Software Engineering** (2019-2024) Université Saint-Joseph (USJ), Beirut – Lebanon
Relevant Modules: Comp Arch, Databases, OOP, OS, MATLAB, Design Patterns, Data structures and Algorithms.

Technical Skills

- **Software Engineering** (Python, C++, Java, Data Structures, Design Patterns, OOP, Ubuntu Linux, Microsoft SQL, MATLAB, Compilers, OS ...).
- **Machine Learning:**
 - Strong understanding of machine learning algorithms and techniques
 - Proficient in programming languages such as Python and SQL
 - Experience with data analyses, visualization and pre-processing
 - Familiarity with deep learning frameworks such as Tensorflow
- Mechanical and Electronics skills for Robotics development

Personal Skills

- Good written and verbal communication skills (Arabic, French and English)
- Highly organized and efficient
- Ability to work independently or as part of a team

Pre-Professional Experience

- **Inmind. Academy**, Training March – April 2023:
 - Robotics Navigation Module (C++, CMake, ROS)
 - Machine Learning Module (feature engineering, ML algorithms, etc.)
 - Computer Vision and NLP Module (CNN, Data augmentation, Text data preparation, etc.)
- **CME – Lebanon**, Training August - September 2022:
This project involves capturing images from a camera, displaying them, and filtering them (blurring and gray scaling) using OpenCV. The images in one directory are filtered using multithreading, with a progress bar displayed. The project uses C++, QML, CMake, and the MSVC compiler.
- **ZAKA-AI – Lebanon, Ai-Bootcamp** May - June 2022:
Acquired the necessary theory in Data Science, Machine Learning, Computer Vision, NLP, and Time Series through interactive hands-on coding sessions.
- **AI Projects:**
Image classification and face recognition.
- **IDS – Lebanon**, Training July - August 2021:
Web application architecture, (.Net) Framework and (.Net) Core, Building up a database.
- **Covid Map**, Educational project (2020-2021):
An application that locates the nearest hospital with available Covid space and delivers medication from the nearest pharmacy.

Achievements

- Sumo Robotics Projects (School 2016 - 2019), using Arduino:
 - 3rd place ARC-13 Robotics competition 2018, Egypt
 - 1st place ARC-4 Robotics competition 2018, Lebanon
 - 1st place ARC-3 Robotics competition 2017, Lebanon
 - 2nd place Nerd Robotics competition 2017, Lebanon