

# Ali Issa

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## Personal Summary

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Motivated Computer Engineering student with a strong foundation in programming, full-stack development, deep Learning and robotics, with proven ability to apply technical knowledge to real-world projects and collaborative environments.

## Education

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### Lebanese American University

2022 – Present

*Bachelor of Engineering in Computer Engineering*

CGPA: 3.6, Dean's Distinction List

Expected Graduation Date: December 2026

## Professional Experience

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### Private Tutoring

Jan 2025 – Present

*Electronics Tutor*

Provided private electronics tutoring for LAU students, focused on improving understanding and exam performance.

- Explained core topics (circuit analysis, diodes/BJT/MOSFET basics, op-amps, AC/DC) using step-by-step problem solving.
- Created personalized study plans and practice sets, and reviewed past exams to target weak areas efficiently.
- Strengthened students' problem-solving speed and accuracy by teaching structured approaches and common exam shortcuts/checks (units, limiting cases, sanity checks).

### InMind.ai

Jul 2025 – Aug 2025

*Robotics Engineering Intern*

Focused on building robotic systems with ROS 2 using C++ and Python. Main contributions:

- Developed and deployed ROS 2 applications for real-time robotic control.
- Improved a CNN model accuracy from 60% to 87% by redesigning the architecture, tuning hyperparameters, and applying regularization.
- Worked on computer vision and 3D perception using point clouds and Open3D.
- Built containerized environments and deployed Dockerized ROS 2 applications.

## Projects

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### Support Link

Jan 2025 – May 2025

*HTML, CSS, JavaScript, Flask, MySQL*

Contributed to Support Link, a web platform connecting shelters, NGOs, and apartment providers with displaced users. Key Contributions:

- Developed a search feature to filter shelters, NGOs, and apartments by name, provider, or location.
- Enhanced the management panel with options to edit listings and add apartment images.
- Fixed navigation bugs to improve overall user experience.

### Car Services Website

Oct 2024 – Dec 2024

*HTML, CSS, JavaScript, NodeJS, MySQL*

Developed a full-stack web application for a modern auto repair shop. Key features included:

- Appointment booking
- Customer and car registration
- Service requests
- Real-time availability updates.

## Skills

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### Programming

Java, JavaScript, C, C++, Python

### Full Stack

HTML, CSS, NodeJS, MySQL

### Others

Pytorch, Keras, NumPy, Pandas, Matplotlib, Matlab, Simulink

### Languages

Arabic: C1  
English: C1  
French: C1

## Extracurricular Activities

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### Student at Lebanese National Higher Conservatory of Music

2018 – Present

7th year Classical Guitar and Music theory student