

Ali Abdallah

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<https://github.com/AliAbdallah454>

Languages

- Arabic Native
- English C1
- French A2

Education

University Education:

Studying computer and communication Engineering at the Lebanese University Faculty of Engineering III

(2021 - 2026)

Summary

I am a highly motivated computer engineering student, I am actively seeking internships to gain practical experience in the field of software engineering, Machine Learning or Embedded Systems. I thrive in fast-paced environments and I am eager to overcome new challenges.

Skill Highlights

- Python
- Numpy
- Pandas
- MySql
- C / C++
- Linux (debian)
- Git
- React JS
- Node JS
- Tailwind
- Mongo DB
- Matlab

Courses

- Linear Algebra
- Numerical Analysis
- Operational Research
- Microprocessors
- Probability Theory
- Statistics
- Data Analysis
- Digital Logic Design

Projects

Drone Detection AI Model

I developed three AI models capable of detecting drones from both far and close distances. To achieve this, I utilized a dataset that combined online data with data collected from my own drones, augmented to enhance the model's robustness. I used the YOLOv8m pre-trained model, which provided me with a comprehensive understanding of one-stage detectors, their differences from multi-stage detectors, and the functioning of Convolutional Neural Networks (ConvNets).

Ecommerce Website

Developed an Ecommerce platform that allows users to browse items, add items to their shopping cart, and also handles online payments. The backend was developed using Express JS and the frontend was developed using React JS. User Authorization was implemented and protected using JWT (JSON Web Token), ensuring data privacy and security. All user profiles and product data are stored in a MongoDB database hosted on Atlas. Online Payments were managed by Stripe payment processing, offering a secure and seamless transaction experience.

Certifications

- Complete A.I. & Machine Learning Bootcamp
- Supervised Machine Learning: Regression and Classification
- Advanced Learning Algorithms