

Almog Arazi



My LinkedIn



My Portfolio



My Github

Summary

I'm a Computer Science graduate with a strong passion for technology and innovation.

I combine solid academic foundations with hands-on experience in computer vision, deep learning, and software development. I'm eager to contribute to a dynamic engineering team and tackle real-world challenges.

Education

2021 - 2025

**BACHELOR OF COMPUTER
SCIENCE: GPA 85
REICHMAN UNIVERSITY**

- Intro CS (Java) - 97
- Operating Systems - 100
- Computer vision- 96
- Deep learning -92
- From Idea to App Using AI tools -100

IoT Software Developer at Milab -
Media Innovation Lab

2013- 2015

**HIGH SCHOOL:
KATZENELSON HIGH SCHOOL**
5 units English, Math, Computer
Science, and Physics.

Languages

Hebrew : Native
English : Fluent

Reference

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Email : almogxl23@gmail.com

Experience

Computer Vision Engineer - Pumba
2024 - 2025

Algorithm Development | Deep Learning | Python

- Developed computer-vision algorithms in Python (PyTorch, TensorFlow, OpenCV), using CNNs and Vision Transformers (ViT).
- Solved the "car leaving a parking spot" challenge by combining deep-learning detection with classical CV to reduce false alarms -
Achieved 84% precision with only a 6% recall trade off.
- Optimized model accuracy and speed for real-world (edge) deployment.

Projects

PEEKABOO

Peekaboo, an IoT project developed as part of Reichman University's milab .
A smart car mirror designed to encourage eye contact between parent and child during car journeys, promoting engagement and interaction in a unique and effective way. I worked on the hardware side using a Raspberry Pi 4 and also handled the 3D printing. On the software side, I focused on the Gaze Direction Estimation Algorithm in computer vision.

[VIDEO DEMO](#) | [GITBUB PAGE](#) | [View Paper \(PDF\)](#).

Volunteering

BUSINESSMENTOR, 'JUNIOR ACHIEVEMENT' PROGRAM
2022 - 2023

Guided a team of 20 ninth-grade students from Sharret School in Kfar Saba through the entire product development process, from concept to prototype. The team achieved second place in the regional competition and third in the national finals.

Military Service

UNIT EGOZ -THE COMMANDO BRIGADE
2015 - 2018

As a warrior and combat medic, discharged at the rank of First Sergeant With a 02 security classification.

Skills

Python, C, C++,Java ,JavaScript ,HTML, CSS, SQL ,AWS , GIT ,React,
node js, Linux, Flask, FastAPI ,TensorFlow, PyTorch, OpenCV
Arduino , NumPy , CV/ML pipelines .