



AZAR ADHAM

Computer Engineer

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Jeddah, Saudi Arabia

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SKILLS

Programming



Machine Learning



Computer Vision



Research & Analysis



Python



C / C++



Data Visualization



Team Collaboration



ABOUT ME

Computer engineer passionate about AI and intelligent systems.

Focused on deep learning, computer vision, and algorithm design.

Dedicated to developing innovative, explainable, and efficient solutions that bridge hardware and software systems.

EDUCATION

Bachelor's Degree in Computer Engineer

Düzce University, Turkey
2021-2025

PROJECT EXPERIENCE

Video Object Segmentation with Custom CNN

TensorFlow | DAVIS 2017 Dataset

TRCC Algorithm (Tissue Response and Cytokine Clustering)

Python | Optuna

Breast Cancer Thermal Detection

YOLOv8 | Grad-CAM | Raspberry Pi 5

Voice-Activated Wheelchair

Raspberry Pi | L298N | Offline Speech Recognition

Reinforcement Learning Tic-Tac-Toe AI

Python | Deep Q-Learning

LANGUAGES

- Arabic (Native)
- English (Fluent)

CERTIFICATIONS

- MATLAB Deep Learning Onramp
- MATLAB Machine Learning Onramp
- MATLAB Image Processing Onramp
- MATLAB Signal Processing Onramp
- MATLAB Optimization Onramp
- MATLAB Onramp