

Guy Leiba

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🌐 Guy Leiba

🐙 Github

Skills

Python
C
MATLAB
Git
SQL (MySQL)
Linux

Organizations

Rothschild Ambassadors

2024

Social leadership program focused on promoting civic engagement and social responsibility in diverse communities across Israel.

The Israeli scout's movement,

Volunteered Instructor

2013 – 2016

Military Service

UAV Operational Team Member And Commander,

“Sky Rider” UAV unit

2017 – 2020

Languages

Hebrew: Native,

English: Fluent, **Russian:** B1,

Italian: B1

Profile

Electrical engineer with hands-on experience in embedded systems and automation. Skilled at learning new technologies quickly and applying them to complex system-level challenges. Passionate about building impactful, reliable engineering solutions in collaborative teams.

Professional Experience

Embedded Software Engineer, *Cardo Systems*

March 2025 – present

- Developing embedded software for microcontrollers and real-time applications, including low-level drivers and hardware interfaces.

Integration & Software Development Engineer, *“Vayyar imaging”*

2020 – October 2023

- Transitioned from integration/testing to software development, contributing automation tools and system-level solutions.
- Initiated and developed automation tools using **Selenium, multithreading, and multiprocessing**, reducing manual testing for a production app and improving testing efficiency and reliability.

Education

Bachelor of Science in Electrical Engineering,

Ben Gurion University

2021 – 2025

- Specialized in **Control Systems** and **Computer Networks** through advanced coursework.

Projects

AvocadoMate

- Designed and built an avocado ripeness detector as **personal initiative** from scratch using electrochemical sensors, integrating an environment with an **Apache server, PHP, Linux**, and **MySQL**. The system communicated with a sensor-equipped **ESP32** board.

Renter

- Developed a Python web scraper deployed on a **Raspberry Pi** with Telegram bot integration, used for real-time apartment search alerts.