

Guy Leiba

✉️ guyleiba7@gmail.com

📞 +972542663658

LinkedIn 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.