

Guy Leiba

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PROFILE

Experienced and motivated electrical engineer student with a strong ability to learn new technologies and build alpha-stage products. A driven and adaptable problem-solver with a passion for innovation and building meaningful solutions. Eager to contribute my skills to impactful engineering projects in a dynamic environment.

PROFESSIONAL EXPERIENCE

Software developer, "Vayyar imaging" [🔗](#) 2020 – 2023

- Developed tailored automation tools for product optimization, leveraging **Selenium**, **Threading**, and **Processing** to enhance system efficiency and accuracy.
- Collaborated on the creation of an internal "universal" tool, integrating complex systems using **Asyncio** and **NiceGUI** to ensure seamless functionality across multiple platforms.

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.
- Won **1st** place and 10,000 NIS in a startup competition organized by "Cactus Capital" for innovative technology.

EDUCATION

Bachelor of Science in Electrical Engineering, *Ben Gurion University* 2021 – 2025

Science-oriented studies, *Eylon High School* 2010 – 2016
(10 Computer Science, 5 Math, 5 English, 5 Physics, 5 Chemistry) — [GPA: 113.08] Holon

SKILLS

Programming Languages — Python, C, PHP | **Version Control** — Git | **Database** — SQL (MySQL) | **Operating Systems** — Linux

MILITARY SERVICE

"Sky Rider", *UAV Operational Team Member And Commander* 2017 – 2020

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* 2005 – 2016

LANGUAGES

Hebrew: Native | **English:** Fluent | **Russian:** B1 | **Italian:** A2