

# OFIR SCHWARTZ

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- ❖ Highly motivated and creative thinker.
  - ❖ Able to operate under pressure, responsible.
  - ❖ Rapid learning curve, strong work ethic, team player, highly organized.
  - ❖ Languages: Hebrew – Mother tongue | English – Highly proficient

## PROJECTS AND SKILLS:

- ❖ Programming languages and software: C++, Psim, MATLAB, Arduino, Multisim, Altium, EasyEda, VHDL, LTspice IV, Electric-9.07, Linux, Python, Kicad
- ❖ Participated in a Hackathon competition, as part to my engagement in the university.
- ❖ Developed an application which assists low socio-economic citizens to integrate in the society.

## PROFESSIONAL EXPERIENCE:

**2021 –2023** Hardware design engineer at **Capsulab** company.

Performing tests for PCB after production and after assembly: testing functionality, failure root cause investing, solving and ATP.

- ❖ Planning and assembling experiments based on esp32 in Arduino environment.
- ❖ Understanding components datasheet, designing electrical schemes, and editing PCB with EasyEda and Altium.
- ❖ Writing a controller-driver interface for controlling stepper motors.
- ❖ Experienced in laboratory equipment such as Oscilloscope, Multimeter,

**2017 – 2018** Mentor of weight loss group, personal fitness trainer for high-risk and young groups.

## EDUCATION:

**2019 – 2023** Graduated BSc in Electrical Engineering, Ariel University.

Specialization: Computer & VLSI.

Relevant courses: Digital Systems, Electronics Lab, Introduction to Electrical Engineering, Digital Circuits, Linear Circuits.

**2008 – 2011** Matriculation diploma, Management and Marketing major, Ort-Mozkin High School.

## MILITARY SERVICE:

**2012 – 2015** Paratrooper Commando – Managing personnel under routine and emergency conditions. **Unit commander award of excellence.**

## VOLUNTEER WORK:

**2020 – 2023** Scholarship at "Aharai"-Training youth towards their military service on Behalf of FIDF Impact

**2011 – 2012** Service Year, "Youth Leading Change" -community involvement, volunteering with youth groups.