

Ofir Asher – Electrical Engineer

|Year of birth: 1989 | 052-8027830| Married+3 | ofirasher89@gmail.com| ID 302883947 | Address: Roash-Ha'ain

- ✓ **Electrical Engineer**, Internship in Power, Production and conversion of Energy.
- ✓ Self-Educated, motivated with a natural technical orientation, teamwork abilities, guiding skills, loyalty, and high work ethic.

Education:

2014 – 2020

Graduate Electrical Engineer B.Sc.

Internship: **High Power, Production and conversion of Energy**

Academic Institution: **Afeka, Tel Aviv Academic College of Engineering.**

*Internal course (In Solaredge) of 'Power Electronic'.

2009 – 2010

Practical Electronic Engineer - graduate - 'Amal B' College.

2002 – 2008

High School – "Yeshivat Nechalim" (Physic 5, Math 4, English 4)

Final Project:

10MVA - Electrical Power System based on **Photovoltaic Panels.**

- A project dealing with 'high Power' – **Renewable energy** filed, Design Electrical Power System Include, **DC/DC Converter, DC/AC converters, High Power Transformers, Cables Calculation, PLC Controller.**
- Designing a stable and reliable Electrical Network while complying with 'Israel Electric Corporation' standards.

Experience:

2019-2022 - Present

- **R&D - 'Power Engineer' in 'Solaredge'**, Part of Innovation Department, R&D of DC-DC converters.
- Definition and implementation of hardware testing, EMI tests, efficiency, Spikes, Ripples, tests in Oven.
- Analyze of and summing of HW tests.
- Design and execution of automation tests on development cards.
- Testing and finding alternative components, in a part of cost reductions or out of stocks.

2014-2019

- **NPI - 'Project Management' in 'SolarEdge', ATE Department**, Involvement in development processes, Improving and streamlining processes to short production times, Accompanying and stabilizing processes defined against changes in the product, working with the planning bodies to assimilate engineering, writing Assembly Inst. Documents, Changes implementation, ongoing use with **Agile** Software.
- **'Electrical Lab Technician' in 'SolarEdge' for ATE and Rnd.**
Involving in, Engineering Support of automatic Functional Testing Stations.

2013 – 2014

- **'Prototype Assembler' in 'G-BERES' – Sub-contractor of the prototype production for Security companies (Elbit, Refael).**

Military Service:

2010 - 2013 'Israel Air Force'

- Full regular service, as Lab Technician in **'UNIT 108'** in the **Integration** department, of **FLIR - 'Night Vision System'**. Includes Troubleshooting, board testing (D-rank) and electrical maintenance.

Projects I've led:

- Establishing and Supporting the characterization and organization of test Stations (Fixture's, Base's) in the **ATE department.**
- Practical Engineering final project - 'Temp Sensor', Include **Microprocessor** and HW design.
- **Accompanying a Final Project** for Practical Engineer.

Lab equipment used:

Oscilloscope, Signal Generator, L.C.R. METER, DMM, Signal Analyzer, DC voltage supplier, **Hi-POTT.**

Computer Applications:

- **Software Languages:** C, **VHDL**, Assembler.
- **Electrical Engineering Applications:** **JIRA, Agile**, OrCAD - Pspice, Matlab, PSIM, SolidWorks, **WindLDR.**
- **Office Applications:** Word, Excel, PowerPoint.

Languages:

Hebrew- native | English- high level technical English language spoken and written. |