

Assaf Elharar

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Herzliya, Israel

Electrical Engineer, offering extensive knowledge in power electronics board design and testing. Focus on putting my knowledge and university research studies to practical, applied use in Board Design and Power Systems.

Work Experience



Power Engineer - R&D • SolarEdge

April 2021 - Present

- Hands-on experience in board design on the company's core product (High power 1-phase PV inverter).
- Analog and power electronics designs (DC/DC topologies design, Analog circuit design). Experience with lab equipment such as Scope, Spectrum, and Electronic Loads.
- Involvement in product development from the design stage to the final product, including all necessary tests and delivering the product to mass production and supporting it afterward.
- Collaboration with various departments, including Embedded, Q&R, Integration, and ASIC.

Education



2016 - 2020

Ariel University

Electrical Engineer

Expertise - Power Engineer / Power Systems.

Original Research at Ariel University Electrical.

- Engineering faculty Research in the field of Power Quality in Renewable Energy Systems in terms of harmonics and voltage disturbances.
- Collaboration with Professor Anatoly Lipsky.
- Successful implementation of self-designed solutions for harmonics-related research problems in power systems that impact electrical systems in the industry.

Skills

- OrCAD
- Excel
- Python
- C++
- JIRA
- Confluence
- Agile

Languages

- Hebrew — Native
- English — Fluent