

GILAD RAHAT

ELECTRICAL ENGINEERING



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Ariel, Israel

SKILLS

Computer:

- MATLAB
- Verilog
- Python
- VHDL

Language:

Hebrew, English

PROJECTS

● Optical communication system

Transferring songs from the computer to the AUX cable. From the AUX to a laser transmission circuit in AM modulation. On the other side is a receiver and speaker.

● Layout for circuit design

Circuit layout planning using Mentor Graphics software using 180 nm technology, and preparation for printing at the tower factory

● Projects with Basys 3 Artix-7 FPGA Boards

OBJECTIVE

A 4th year undergraduate student in electrical engineering with a high work ethic, creative thinking, the ability to learn quickly and good interpersonal relations.

EDUCATION

Ariel University

Electrical engineering

2018 - Now

4th year student

Specialization: VLSI & Electro-optics

Good GPA

Himelfarb high school

Full matriculation examination

science-oriented studies

2010 - 2012

Good GPA

MILITARY SERVICE

IDF

Sergeant in the Paratroopers Brigade

2014 - 2017

- Class Commanders Course, Staff Command
- Parachuting course