

# GILAD RAHAT

ELECTRICAL ENGINEERING

 +972 54-484-1223

 giladrat@gmail.com

 Ariel, Israel

## 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

## 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

## MILITARY SERVICE

### IDF

Sergeant in the Paratroopers Brigade

2014 - 2017

- Class Commanders Course, Staff Command
- Parachuting course