

ROI ZAKIAN

Electrical & Electronics Engineer Student

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📍 Neve Yamin HaTamar 73

LANGUAGES

Hebrew

English

SKILLS

Programs

MathLab · Python · C/C++ · VHDL ·

Assembly · ModelSim · Teamwork

Simulation & Analysis Tools:

OrCAD Pspice · Quartus® Prime ·

Simulink

INTERESTS

Dog training-volunteer in SOS for three years.

OBJECTIVE

4th year BSc, Electrical Engineering student.

A responsible, multi-tasking guy with a high work ethic who has excellent interpersonal and communication skills, diligent and willing to develop. A good team player, problem solver with an orientation to details and excellent with creative observation.

Looking for a student position in hardware engineering, board design, verification/validation or other relevant position.

EDUCATION

B.Sc: Electrical and Electronic Engineering

2020 - Present

"Afeka" - Academic College of Engineering

Tel Aviv

• **Majors:** Computers & Signal Processing.

GPA: 85

- Last year for graduation, evening studies.
- Ability to read and analyze electrical schematics. Experience in designing analog circuits and digital systems. Familiarity with simulation tools in the field of electrical engineering. Hands-on laboratory equipment: oscilloscopes, function generators, multimeters, power supplies, spectrum analyzers, etc.

Final project: a smart warning device for the hard of hearing, which warns of the danger of burglary. The project deals with signal processing and machine learning.

Graduated from the scientific and technological reserve track

2015 - 2017

Ami Assaf High School

Beit Berl

- Majored of technological specializations in the scope of 15 study units (physics, software engineering, computer science).
- Receiving a certificate of excellence in the track for a scientific and technological reserve (in cooperation with the Ministry of Education and the ICT Corps).

EXPERIENCE

Student job.

2021 - Present

Adirim Electric Panels

Kfar Saba

- Designing and drafting electrical panels.
- Wiring panels and conducting checks before delivery to the customer.
- Providing consultation and troubleshooting in the planning and assembly of panels, addressing issues on-site.

Technician, preferred job.

2020

TAYTECH

Kfar Saba

- Planning, design and production of antennas and various electronic components.
- Diverse work with the defense industry - Elbit, Rafael, Aerospace Industries and more.

Military Service

2017 - 2020

- **Service in the Ministry of Defense -**
classification level 2.