YEHONATAN FERTOUK

Email: yonifertouk@gmail.com | 054-5319936 | linkedin.com/in/yehonatan-fertouk-a8622922a

Motivated electronics engineering professional with extensive experience in testing electronic systems, products, and interfaces. Skilled in programming languages including C++, Python, MATLAB, Verilog, and VHDL. My passion for this field motivated me to pursue higher education and a career after studying in a yeshiva for most of my life. With my dedication, drive,and technical expertise, I am confident in my ability to make a valuable contribution to any team.

EDUCATION

Master of Science in Applied physics, **Lev Academic Center, 2023-present. (Thursday afternoons only)**

- This semester I am studying two courses Electro-optics and non-linear optics, and artificial intelligence.
- My research will be a continuation of my final project, and we will try to investigate the object instead by measuring current, by the dielectric coefficient.

Bachelor of Science in Electronics Engineering, **Lev Academic Center, 2017-2022**

- Proficient in Python and experienced in programming with C++, VHDL, MATLAB, and Verilog
- Topographic Impedance Measuring, **Final Project**
  Contributed to a large-scale biotech project aimed at mapping small bodies inside larger onesby tracing voltage and electric current paths.
  Designed a board to capture impedance and current from body-attached electrodes. Analyzed data with Arduino and produced a 2D tomography of the object in MATLAB.

Pre-Engineering Academic Preparatory Program, **Lev Academic Center, 2016-2017**

- Excelled in a rigorous engineering coursework despite a non-science background, achieving a 92/100 grade average.

EXPERINCE

Student Research Assistant
Lev Academic Center, Electronics Engineering Department, 2022-2023

- Collaborate with the research team to analyze project needs and determine appropriate board.
- Design and implement custom boards using Kicad software to achieve research goals.
- Demonstrate expertise in electronic systems and problem-solving skills.

Administrative Assistant
Natan Lev Accounting Office, 2020-2021

- Efficiently managed office administration and provided support to the accounting team.
- Successfully adapted to remote work during COVID-19 and maintained customer communication.
- Collaborated effectively with team members to ensure smooth office operations.

National Service
Yad Sarah, 2016-2019

- Repaired and validated medical and assistive electronic devices.
- Collaborated with team members to improve processes and procedures and increasing efficiency.

SKILLS

- Proficient in programming languages: C++, Python, MATLAB, Verilog, VHDL.
- Experienced with software tools: Multisim, KICAD, CST, ADS.
- Skilled in using operating systems: Windows and Linux, as well as Raspberry Pi and Arduino

- Fluent in Hebrew and English, with strong verbal and written communication skills.
- Strong leadership skills, combined with creativity and a strong sense of responsibility.
- Excellent relationship-building abilities across diverse teams and cultures.

References will be given upon request.