Ilan Menahimov

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Summary

Second-year Electrical Engineering student with hands-on experience in system integration.
Background in operating complex electrical systems, fault diagnostics, and field-based
troubleshooting. Supported integration across multidisciplinary
systems such as electrical, mechanical and optical.
Open to part-time positions, with flexibility
to switch to evening studies if needed.

Professional Experience

2022–2023| Tamuz F.T.K Solutions – System Integrator

- Connection of machine subsystems from initial setup to final testing.
- Performed wiring, component integration, and system validation across diverse technologies.
- Conducted multidisciplinary system integration (software, electrical, mechanical, optics).
- Interpreted technical drawings and generated customer reports.
- Diagnosed and resolved complex technical issues independently.

Military Service

2018–2022| IDF – Electrical & Power Generation Coordinator

- Managed electrical and generator systems across multiple field units.
- Conducted maintenance and troubleshooting for complex electrical infrastructure.
- Led long-term planning and improvement of power systems operations.
- Produced performance and availability reports, supporting operational readiness.
- Operated independently in field conditions, meeting strict engineering standards.

Education

2024-Present | B.Sc. in Electrical Engineering – Holon Institute of Technology (HIT)

2016-2018 | Practical Engineer in Electrical and Electronics Engineering – ORT Rogozin College

- Specialized in Power Systems and Control Systems.
- Final project: Electrical Design for a Facility – Design of Electrical Systems for a Mini-Country Club and Power Supply for 15 Duplex Homes in Atlit.

Technical Skills

- Programming & Engineering Tools: Python, MATLAB, C
- Software: Visual Studio, MS Office, Vision, SAP
- Proficient in computer systems, electrical schematics, and reporting

Languages

- Hebrew – Native
- English – Professional working proficiency (reading, writing, speaking)
- Russian – Conversational