



TAL LAVI

Electrical Engineer

About Me

My name is Tal, i'm 4th year Electrical Engineering student at Holon Institute of Technology (HIT). Completed a Practical Engineering degree in Electronics Engineering. Served as officer in a technology role in the IDF C4I corps. Team manager and problem solver with expertise in project management. Excellent team collaborator with a passion for continuous learning and growth.



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Netanya, Israel



Language

- Hebrew
- English



Skills

- Programming and Software Development
 - Pyton
 - Matlab
 - Simulink
 - #C
- Project Management
- Communication Skills
- Continuous Learning
- Problem Solving and Critical Thinking
- Team Management



Experience

System Engineer, IDF - C4I, 'Hoshen', Tzrifin Nov 2019 - Nov 2021

- Writing requirements specification, systematic research, defining architecture and defining system components.
- Performing integration processes and system tests.
- Conducting training sessions for end-users on new features and workflows.
- Leading a team of practical engineers and personnel management.

Project Manager, IDF - C4I, 210th Division, Golan Apr 2019 - Nov 2019

- Deploying and administering mission-critical enterprise platforms.
- Budget and resource management.
- Precision to the schedule and goals.
- Construction and maintenance of infrastructure.
- Promotion and management of technological projects.

Electronic Warfare Technician, IDF - C4I, unit 513, Tzrifin Jul 2017 - Nov 2018

- Performing motorized maintenance and troubleshooting critical RF systems including transmitters, receivers and antennas to achieve high efficiency.
- Use of digital diagnostic tools and test equipment such as spectral navigators, network analyzers and field meters to locate and isolate electrical-mechanical problems.
- Applying engineering knowledge and analytical thinking to diagnose technical problems, analyzing system logs, failure trends.
- Collaborating in a team of practical electrical engineers.



Education

B.Sc , Holon Institute of Technology Oct 2020 - Jul 2024

Final project, Designed and built a model automated greenhouse system that monitors and controls temperature, humidity, and light levels by analysing sensor data with MATLAB algorithms and Simulink.

Practical Electronic Engineering, Netanya Oct 2015 - May 2017

Final project, writing low-level code in C and Assembly language for a microcontroller-based digital lighting control system.

Full Matriculation, Shapira, Netanya

Extra units of Electricity, Electronics, Physics and Mechatronics.
Winning no.1 in the "Young Scientists" competition.