Contact

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in Moshe Shemen

053-5300261

Holon

Education

B.sc Electronics and Engineering
2020- present. HIT - 4nd Year student.
certificate in embedded. Gpa : 85

Electronic Practical Engineering
2015- 2017 ORT Singalovski
Gpa : 95

Full matriculation
2012- 2015 ORT Holon
certificate in electronics and computers.

Software

- C#
- VHDL
- Python
- Arduino
- MATLAB
- Linux

Awards

ORT Singalovski | Electronic
Practical Engineering
First class honors

Moshe Shemen

Electronics and Computer Engineer

Personal Summary

An Electronics and Computer Engineer specializing in embedded systems, I've been crafting electronic projects since a young age. During my free time, I delve into programming using Python and C#, merging it seamlessly with microcontroller Arduino to create innovative projects. Additionally, I'm pursuing a degree in Electronics and Computer Engineering, refining my expertise in the embedded systems domain.

My Projects: My Github

Work Experience

Quality inspector and integrator of thermal
Elop - Elbit Systems   2020- present

- Implementation of complex tests which combines electro-optics and electronics in the production line.
- Examining the reliability and functionality of a system during extreme Environmental Stress (ESS).
- Conducting Acceptance Test Procedure (ATP) which includes scope and laser beam analysis.
- Definition and establishment of electro-optical setups in cooperation with engineering entities.
- (System engineering / electronics / physics etc.), analysis of results and findings.
- Conducting system level troubleshooting and Fault verification.
- Familiarity with product life management (PLM), Bill of Materials (BOM), Engineering Change Proposal . (ECP).
- Writing programs in C# and Python to improve system quality.

Unit 8200, Intelligence corps
Military Service   2017- 2020

- Full military service in a technical section in the field of extracting intelligence from a platform.
- Development and maintenance of a receive system in the platform and transfer of information to the user.
- Solving hardware and software faults at the component replacement level based on reading electrical sketches.
- Writing programs in C# and VHDL to improve system quality.

Languages

Hebrew Native   **English** full professional proficiency