

# Ron Polunovsky

## Mechanical Engineer

A Mechanical Engineer specializing in automation, with experience in automating industrial machinery, programming microcontrollers, CAD design and Python scripting. A dedicated self-learner and problem solver with exceptional attention to detail and a deep passion for engineering and innovation.



### Contact Info

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- ✉️ ron.polunovsky@gmail.com
- LinkedIn [LinkedIn](#)
- Gears Full-Time

### Skills

- SOLIDWORKS
- Python
- TIA Portal
- Step7
- MATLAB
- Product Designing
- Technical Drawing
- Microcontrollers
- Soldering
- C#
- C++
- Microsoft Office

### Languages

- Hebrew – Native
- English – Excellent
- Russian - Conversational

### Experience

#### Control Engineer, Netis Control Ltd | 2023 – Present

- Works directly under the CEO of the company alongside the head engineer.
- Controls automatic operations of industrial machinery, especially conveyors, in various logistic warehouses of well-known companies.
- Programs Siemens PLCs in TIA Portal and Step7 using LAD and STL and configures SICK's sensors.
- Diagnoses and solves problems in industrial machinery.
- Initiate innovative solutions to solve unique problems and make the automation process more efficient.
- Creates automation of repetitive tasks through Python scripts.
- Designs SCADA and HMI systems using WinCC.

#### Research Assistant, Ariel University | 2022-2024

- Works alongside the head of the Mechanical Engineering department.
- Designs setups for experiments using lab equipment such as: Oscilloscope, frequency generator, DMM, MyDAQ and Data Acquisition.
- Performs thermal analysis using heat sinks, TEGs and thermal resistors.

### Education

#### B.Sc. Mechanical Engineering (85), Ariel University | 2020 - 2024

- A 3rd place winner of engineering presentation competition in English.

### Army Service

#### Combat Unit, Artillery Crops | 2016 - 2019

- Graduated with honors in basic & commander's trainings.

### References available upon request