

RAVID GILADI

Mechanical Engineer

Tel-Aviv
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I am Highly motivated, with sense of responsibility, strong analytics and problem-solving abilities, work ethics, excellent team-player, and leader.



SKILLS

- Modeling in **SolidWorks**
- Programming in **Python**
- **NumPy \ Pandas \ Seaborn \ SciPy** etc.
- Microsoft Office
- Native Hebrew speaker, English – Fluent
- Pro musician, Saxophone



EDUCATION

Mechanical Engineering | Tel-Aviv University

2017 – 2021

Mechanical Engineer with specialty in Fluids, Thermodynamics, Heat Transfer and Energy.

- **Graduation Project:** Design a docking and charging station for electrical scooters – based on four-bar mechanism, detailed to the key, bearing and screw level.
- **SolidWorks** Project with dozens of different parts.
- **NumPy \ Pandas \ Seaborn \ SciPy** Project: Creating visible and graphical outputs from **Big-Data** CSV files using different tools to analyze the data and create comparisons.
- **Environmental oriented Physical background** – Atmosphere, Geology, Geophysics, and human impact on its surroundings including Product Analysis Project to review the effect of it on global scale.



EXPERIENCE

Mechanical Engineer | Zoko Enterprises

2021 – PRESENT

Technical specification of heavy mechanical equipment according to customer needs. Reading and understanding drawings and technical data sheets. Handling orders in front of the manufacture. Professional support to sales team and assemblers.

Student Position, Energy Department | Zoko Enterprises

2020 – 2021

Performing dozens of complex techno-economic models and feasibility test analysis for energy projects combining several sources while improving the model on the go. Managing the department administration, responsible for transactions up to Millions of ILS.

Control Room Operator | "Harel" Insurance and Finance

2018 – 2020

Monitoring the company's facilities across the country, handling daily routine and emergency cases. Operating buildings control and security systems and cameras network.

Social Guide | "Boyer" Boarding-School, Jerusalem

2016 – 2017

An unformal education job as a guide of 30 9th graders, looking after their every need both physical and emotional while maintaining the boarding-school daily routine and standards.



MILITARY SERVICE

2010 – 2014

- Combatant officer in the "Nahal" brigade as Platoon Commander, Lieutenant.
- Reserve service as a Company Commander, 5035 Battalion, Captain.