

Summary:

I am mechanical (automation) engineer with working experience in the field of diesel engines and transport mechanical machines in the “CAT” company, also I have a knowledge regarding automatic production process in the “Flex” company. I strive to study and explore new things and apply my knowledge to the real-world problems to bring the best solution possible. I have strong communication and interpersonal skills. I am a team player and strive for the teams’ success. Furthermore, aptitude to get into small details.

Education:

2018 – 2022: **B.Sc. Mechanical Engineering (Bio-mechanics), ORT Braude college**

- MATLAB, Simulink, LabVIEW
- Solidworks, Fusion 360, Cura, FEA Simulation
- 3D/2D modelling and drawing, AutoCAD – Autodesk
- Knowledge in GD&T (geometric dimensioning and tolerancing)
- Prototyping circuits, based on Arduino
- Basic knowledge – CATIA 3D
- Knowledge in and use of office software

2016 – 2017: Pre-academic studying, Technion

2011 – 2012: Graphic design and photography (“Masa” project), College of technology – Beer Sheva

2007 – 2010: Locomotive driver and mechanic of moving machines,College of technology - Ukraine

Employment experience:

2022 – 2023: Automation engineer, Flex company. Extensive field of activity. Programming of universal robots (UR). Design and development of projects, process automation. Electrical design and subsequent assembly. Using various programs to complete tasks.

2021 – 2022: Mechanical engineer, Zoko Enterprises Ltd.(Tractors, and equipment I.T.E.Caterpillar) Working on various projects related to railway company as well as the army and the industrial industry. Designing various parts in the Solidworks and AutoCAD programs. Analyzing of possible problems in the further operation of the part and further production model parts.

2009 – 2010: Assistant locomotive driver (Ukraine)

Volunteer experience:

2023 Participation based on Flex in Kaizen Workshop “Biosense productivity.”

2021 Volunteering as part of the rehabilitation biomechanics course, based at the Braude college.

During the course, – modernizations technical equipment was developed for the elderly in the nursing home “Brat” in Karmiel.

2020 -2021: Significant volunteering for the community as part of the program
"Emerging Leadership in the Academy".

2019 – 2020: Tutor, Community center Neve Joseph. Private and group lessons for children in 1st and 2nd grades

Military service:

2013 – 2015: Service technical mechanic, Israel Air Force (service as a single soldier)
As part of the job, maintenance of aircraft stopping systems in emergency situations.

Languages: Russian, Hebrew, English, Ukrainian