

## About Me

O.J.T **Mechanical Practical Engineer**, enthusiastic Maker and an advanced user and technician of FDM 3D printers.

I have a broad view and understanding of product development and maintenance, **hands-on experience** in various engineering fields. I excel in dynamic environments, being independent, **responsible**, and self-managed with **high motivation** to get the job done.

## Work Experience

- 2022 - Today**     **Massivit3D** - Integrator, Field Service Engineer (Tier 2+3)
- Assemble, upgrade and operate new 3D printers (~2x2x3 meter).
  - Package and prepare printers for shipment to customers.
  - Daily operation and testing of all mechanical and electrical components of the printers.
  - Installing new printers at customer's sites overseas - 2-4 weeks of testing and full integration.
  - writing step-by-step manuals for daily routines, as well as experiment reports and new material batch test reports.
- 2020 - 2022**     **Founder of LithoGift** - Personally customized 3D printed gift shop. [Lithogift.net](http://Lithogift.net)
- Extensive usage and maintenance of 3D printers.
  - Innovative decorative design of new mechanisms for better user experience.
  - Procurement - Sourcing of necessary parts and raw materials for manufacturing.
- 2019 - 2020**     **Convex Industrial Design** - Mechanical designer
- **Development** of new defensive systems mainly for the Ministry Of Defense, IDF and private contractors.
  - My part was design, prototyping and final assembly including extensive lab and field tests.
  - Production using SLS 3D printing, CNC machining, or general purpose milling.
  - **Assembly** of product, testing and validating performance against spec.
  - **Integration** and handover of the new product into the client environment and making it operational.
- 2014 - 2018**     **Zickel Engineering** - O.J.T as a mechanical engineer
- Development of multi-disciplinary systems as part of a team of engineers (Hardware, Electronics, Software and Algorithmics) going from idea to product.
  - My responsibilities included full mechanical design (Solidworks) and electronic-software characterization. Including software and app mockups, as well as electrical harnesses pinouts and wire gauges.
  - Basic experience in SW languages - C, Python, Java, Javascript. as well as coding using Arduino and Raspberry Pi

## Military Experience

- 2009-2012**
- Military service at TIKSHUV. 2 years experience as a network administrator
  - Installation and integration of network devices (switches/hubs) and domain groups
  - Using SAP and ERP systems. using maintenance and control networking equipment

## Skills

- Advanced video editing skills and graphic design (using Adobe suite - Photoshop, Premiere , After Effects)
- Advanced cinematic drone pilot - DJI drones
- Experienced Saxophone player