

- A target oriented person who’s always eager to dig deep on how things work.
- Experienced in transforming workflows into user-facing systems and monetizable services.
- Looking to expand my knowledge in RTOS & driver development in Linux based systems within the IOT ecosystem.

Occupational Experience

2025-2026	Freelancer	Wabu.club
• Developed a 3D design Platform to help small additive manufacturing businesses. • Automated CAD produces 3D files for additive manufacturing using only an image as input. • Serving Customers of businesses as well. • Implemented AI assisted (Non - dependant) Capabilities.		
2023-2025	Freelancer	Gprints3D Pivot into Wabushi Designs
• Consulting small additive manufacturing businesses around the world. • Providing CAD design services.		
2021-2023	Hardware Integration Engineer	Deep Innovations
• Improving the firmware of pool cleaning robots • QA testing firmware update process on a pool cleaning robot. • Integrating a WiFi alarm to the PoolScout mobile application. • Development of a SBC (Single Board Computer) that connects to local IP cameras, implementing AI capabilities, and streams video to the backend server.		
2018-2021	Freelancer	Gprints3D
• Self taught CAD design (Computer Aided Design), Specializing in product design. • Programming microcontrollers to increase throughput and production quality.		

Qualifications and Courses:

Oct - Dec 2021	RF & Microwave Course	Interlligent
• Providing additional hands-on RF lab experience.		

Education

2016-2021	B.Sc Electronics Engineering	Ruppin Academic Center
• Final Project - Resonance Frequency Alteration of a Magnetron (Research) ○ Simulating the theoretical model of the experiment. ○ Hardware optimization closest to the Theoretical model. ○ Running the experiment under a signal generator and a high frequency spectrum analyzer.		

Military Service

2009-2012	Navy Missile Boat Frontline Service	I.N.S. Nitzachon
• Served as a Ship Weaponeer & robotic night vision equipment operator. Discharge as Staff Sergeant.		

Technical Skills

Fusion 360 | Python | VScode | Linux | Yocto

Languages

Hebrew - Native Tongue | English - Fluent

Programming Languages

C++ | Python | Bash | Java