

Profile

Summa cum laude B.Sc. Electrical engineer with experience in developing Real-Time Embedded, Firmware and IoT systems in IDF – Land Technology Unit.

Soft skills: strong communication and interpersonal relations.

Self-learning skills and ability to work both as an individual contributor and a team player.

Technical skills: C | C++ | Linux | RTOS | Bluetooth Low Energy | NFC | Matlab | Pspice | Android | Java | Bash | Git | React Native | JavaScript | Embedded Linux | JTAG

Employment Experience:

2019 – Now **Embedded Software Engineer at Elspec Ltd.**

The Product: Multi – Functional Digital Fault Recorder.

- Programming Embedded Linux system based on ARM architecture.
- Developing, managing, and design modules in multi-threading environment.
- Experienced with DSP programming.
- Programming on the top of communication protocols: **TCP/IP**, I2C.
- Memory and Shared memory management.
- Debug code using JTAG and GDB, includes core dump.

2017 – 2019 **Embedded Software and IoT Engineer in IDF – Land Technology Unit**

Smart medical bracelet to monitor and save physiological indices of a wound, interfacing with a mobile app to view and modify the data:

- **Embedded software developing:**
 - Programming in **C & C++** languages using Git source control.
 - Experienced with **RTOS**, in multi-core SoC.
 - Knowledge in System on Chip and System on Module.
 - Experience with testing and integration of systems:
 - Experienced in wire communication interfaces: **SPI, I2C, UART**.
 - Establishing experimental sets, managing SW & HW test team using lab equipment and measurement techniques.
- **IoT and hardware:**
 - Knowledge in planning and implementing of **personal area network** architecture using wireless **IoT** communication protocols.
 - Managing layout, design, and production of PCBs processes.
 - Basic knowledge in board/circuit design fundamentals.
 - Writing technical characterization, and **design an ICD** that defines communication between end units.

2016 – 2017 **Post-Sale Success manager in Luminati**

QA & Deployment in Hola! Networks

Education:

2018 – 2020 MBA, Tel Aviv University.

2013 – 2017 Summa cum laude B.Sc. Electrical engineer, **GPA 92.73 (rated second of 67)**.

Majors: Computing and signal processing.

Afeka – Tel Aviv Academic College of Engineering.

Languages: Hebrew - Native language, English and Russian – High level.

Interested: Surfing, Snowboarding, Juggling, Acro-Yoga, Skateboarding, Hiking, Traveling.