

# Israel Israeli

[israel.israeli@gmail.com](mailto:israel.israeli@gmail.com), +972-505-555-555

<https://www.linkedin.com/in/israel>

Software engineering manager with over a decade of management experience in the global semiconductor industry. Proven record in leading and inspiring fast-paced innovation to deliver long-term solutions in wireless\mobility. Quick learner with a passion for new domains and developing technologies. Expert in connectivity and wireless technologies (WiGig, Wifi, WiMAX,LTE).

## CORE COMPETENCIES

---

- Leading and mentoring diverse technical staff
- Matrix management in multifaceted companies
- Creating and managing organizational processes with interdisciplinary teams
- Short and long-term planning, agile and waterfall
- Strong analytical/problem-solving skills
- Proven track record developing high-volume products.
- Inventor of several patents, critical to WiAMX (Intel) and WiGiG (Peraso) products
- Vision for scalable products
- Expertise in complex SW\FW\HW\Si integrations

## PROFESSIONAL EXPERIENCE

---

### Pergion Technologies

Developer of 60 GHz products and solutions in the Consumer Electronics (CE), Internet Service Provider (ISP) and that pConsumer Electronics (CE) as provide carriers with cost-effective options to traditional backhaul methods.

#### 2018 – Current: Product and Project Manager

- Lead and manage the company continuous integration (CI) and software release processes:
  - ✓ Define new features to address company goals and milestones.
  - ✓ Create, integrate and approve plans and gants for 40 SW engineers.
  - ✓ Track development in weekly PDT meetings.
  - ✓ Present weekly status of all milestones to CEO and VPs.
  - ✓ Decision maker for creating and releasing software milestones , pre and official releases.
  - ✓ Lead the bug life-cycle in the company. Host the bug-scrub meetings, set priorities, assign resources, resolve conflicts.
- Owner of the product requirements (KPIs , Functional Requirements, User-Experience Requirements, etc.). Work closely with the DEVOPS and validation teams to form a database (Jira-based) for all product requirements and the test packages covering them.
- Report to VP product, work closely with the other R&D managers as well as sales and applications.

**Main Technologies: WiGig, Software Development Life Cycle (SDLC), Continuous Integration (CI), Test Driven Development (TDD), SCRUM, Jira, Confluence**

#### 2017 – 2018: Device Software Team Lead and Principal Engineer

- Managed a team of 8 firmware engineers, owning the Phy Layer (radio and base-band calibrations) and Device Platform (Power, Debug, Config, OS) domains. Acted as the team scrum master, ran two-week sprints, led daily standup meetings, sprint planning and retrospective sessions.
- Drove changes in the architecture of the Device Firmware.
- Developed advanced tools in Python and JavaScript to scale software to several products.

**Main Technologies: WiGig, ARC-600, CPU sub-system, USB, Phy, RF, Calibrations, L1, MAC (L2), Beam Forming, C++, Python, JavaScript**

# Israel Israeli

[israel.israeli@gmail.com](mailto:israel.israeli@gmail.com), +972-505-555-555

<https://www.linkedin.com/in/israel>

## Intel Israel

Global manufacturers of motherboard chipsets, network interface controllers and integrated circuits, flash memory, graphics chips, embedded processors and other devices related to communications and computing.

### **2014 – 2016: Software Architect and System Engineer, Wireless Innovations & Solutions (WINS) and Wireless Connectivity Solutions (WCS) Divisions**

- Wrote architectural specifications for WINS and WCS products, including system and software components. Defined requirements (functional and performance) as well as validation frameworks.
- Worked with customers to define specs for a wearable product (“smart headset”), based on the Intel mobile platform (SoFIA). Guided the software and validation teams during development and ongoing integrations.
- Owned the system and architectural components of the Power Consumption User-Experience, and Auto-Speech-Recognition (ASR). Led the ASR integrations and validation of the product with the Intel ASR team.

**Main Technologies: Auto Speech Recognition (ASR) , LTE/3G RF Control, IoT, Wearable, Perceived Quality Video Compression, Wearable devices, System on Chip design, GNSS**

### **2008 -2014: SW Team Lead, Wireless Connectivity Solutions (WCS) Group**

- Built, led and managed various technical software teams for Intel’s WiMAX and WiGig programs.
- Played an active role in defining Intel first WiGig MAC/PHY HW/SW partitions and interfaces.
- Led bringup activities and feature integrations in the layer 1 domain (e.g. Radio and Antenna Control, ADC/DAC calibrations, Transmit Power Control)
- Developed test SW for ODM manufacturing, OEM assembly line tools and platform integration.

**Main Technologies: WiGig, WDE, WSE, USB, Video Encoding/Decoding, Display Port, HDMI, FW, MAC, WiMAX, Phy, L1, MAC, ARM, C/C++**

## **Amethyst Technologies**

*Startup providing support for Infineon VDSL chip sets, and developing innovations in VDSL and WiMAX technologies.*

### **2002 -2005: Software Engineer**

- Coded and tested various innovation SW solutions based on the VDSL products.

**Main Technologies: VDSL, ADSL, FW, C/C++, MFC, WiMAX**

## **EDUCATION**

---

**2008 - 2013** M.Sc Communication Systems Engineering, Ben Gurion University, Israel

**1998 - 2002** B.Sc Communication Systems Engineering, Ben Gurion University, Israel