

# Yehonatan Shalem

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- 20 years of experience in C/C++ (mainly C) over Win/Linux/Unix platforms
- 8 years of experience in RT Linux Embedded development
- Full control of compilers, scripts, and debuggers
- Excellent English
- Version control tools: unixcase, cvs, svn, ClearCase(UCM), GIT, Gerrit
- Interested in low level components (FS, kernel drivers, FW, etc.)
- I've had a **top Secret security clearance**
- Creativity, independency, great team player

## 2018-2019: Embedded SW Engineer in Intel (Mobileye)

Development of infrastructure for the Mobileye autonomous vehicle

- **Embedded C** (cross-compiler) for MIPS
- Development on a linux **kernel driver module**.

## 2015-2018: Embedded Android Engineer in Motorola Solutions

Development and enhancement of Public Safety devices

- C/C++ on the audio system of the **Android ROM**
- Powerful **GIT** experience
- **Bash/Python** scripting

## 2011-2014: RT Embedded SW Engineer in NDS-Cisco

Development and maintenance of embedded software for digital television

- **C expert on Linux**
- Crossplatform compilers
- Multithreaded programming
- Power user with Linux platform and Clearcase servers.

## 2010 SW Engineer in Ness TSG

Development and maintenance of software system used for a classified project

- **C/C++** development on **UNIX AIX**
- Maintain a high complex system

## 2005-2009 Technical Leader of Development Team – Radix Technologies Ltd

Design, implementation and maintenance a client-server shelf product

- **C/C++** development on **Windows**, WinAPI32
- **Technical leading** of the development team
- System design and infrastructures

## 2000-2004 SW Engineer in IAF

Development and maintenance of an IAF operational classified system

- System infrastructures (shared memory, tables, live data distribution)
- External systems communication
  - Implementing standard and non-standard protocols, TCP/IP
- **C/C++** expertise with different compilers
- Full control with **UNIX** environment as a power user (Scripts and debug)
- Components integrations and external systems integrations

## 2000 SW development course in IDF “Mamram”

Graduate of the Mamram SW development course.

Final grade: **91**