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## Work Experience

### **Condor Pacific ltd - Senior R.T Embedded SW Engineer–**

From 2020

Condor Pacific is developing and manufacturing IMU/MEMs based systems.

- Embedded development on PIC Micro Processors, from defining the algorithm to its implementation and implementation of HW driver. (C)
- Design and development of Bootloader (SW version update) including both host (PC app / C#) and embedded device (C).
- Refine and Implement projects' data structure, Communication Protocols (UART/SPI) and coding standards, SW project management, (C)
- Manage Jira and GIT of all SW host side of the company.

### **Rokar/BAE Systems - Embedded SW Engineer–**

2018-2020

Rokar is subsidiary of BAE Systems developing E.W. and navigation systems.

- Embedded development on ARM based SoC, implementation of HW drivers and built-in test for the card. (C / C++)
- Design and development of Automation Testing Infrastructure for testing of embedded device and windows-based host. (C# / unit)
- Design and development of SW loader (version update app) including both host (PC / C#) and embedded device. (ThreadX/C)
- Development of data analyst tool (Windows) to process GPS receiver data accuracy. (C#)

### **CISCO/NDS - Embedded SW Engineer**

2015-2018

NDS was subsidiary of CISCO Developing Smart Card Security.

- Developing drivers for smart cards and other hardware
- Developing under Windows and Linux in C and C++.
- Developing and managing of security features for a cardless 4K setup-Box

### **Elisra/Elbit - Embedded SW Engineer**

2013-2015

Subsidiary of Elbit Systems manufacturing and developing E.W. & Sigint.

- Low level development in C++, under Windows.
- Managing and simulating components using various tools at various labs.
- Development and implementation of dedicated drivers.

### **EQUIVIO - GUI Development – Student job**

2012-2013

Start-up company developing a web application "Data Mining" of large quantity of documents and files (mainly of law companies)

- Development of features for applications in C# and Silverlight, under Windows
- Validation and testing developed components.
- Resolving issues reported internally and by clients.

### **Elkalai Monarov and Co.**

2008-2009

Data security company, performing audits and risk management.

- Auditor in an audit and risk management group.
- ACL tool developer for data analysis.

**LISA KAMPNER HEBREW ACADEMY**

**2007-2008**

Voluntary agent of the "Jewish Agency" of San Francisco, CA, USA

- Managing school events, and after school activities.
- Interacting with students and teaching about Israel and Judaism.

**Military**

Tel Ha-Shomer – Management and monitoring cell unit.

**2002-2006**

- Releasing soldiers at the end of their military service.
- Performing tasks requiring responsibility, professionalism and teamwork.

**Education**

**Bar-Ilan University** – B.Sc in Computer Engineer.

**2009-2013**

- Graduated with average of 89.
- Final project – Development of a real time Android application for noise cancelation. Implementation of "MIXMAX" algorithm, cleaning a variant type of noise (White Noise, Bubble Noise, Static Noise) aided by prior data. Implemented in Java.

**Languages**

Hebrew – Mother tongue.

English – High Level

\*\*\* Recommendations will be provided upon request\*\*\*