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| Igal Aharonovich  Senior  S/W engineer | horizontal line Igal Aharonovich Zur Moshe, Israel  +972-52-4809721  [jigal2@gmail.com](mailto:jigal2@gmail.com)  [linkedin profile](https://www.linkedin.com/in/jigal-igal-aharonovich-7a35562/) |
| **ㅡ** **Skills** | horizontal line  Realtime/Embedded systems, communication protocols, deep knowledge of C/C++, assembly (mostly ARM/X64), Python, RTOS, Windows kernel/drivers, scientific computing, problem diagnosis and analysis. Working knowledge in other platforms (linux kernel, FPGA, etc)  Passion for learning and understanding new fields and technologies. |
| **ㅡ** **Recent experience** | horizontal line Palo Alto Networks / Sr. Principal SW EngineerMay 2018 - PRESENT, Tel-Aviv Backend: rule engine and ingestion pipeline for large scale event stream. SECDO / SW developerNov. 2015 - 2018, Ra’anana Windows agent driver (network and process monitoring, filtering). Bar-Ilan University / Post Doc (20%)2012 - PRESENT, Ramat-Gan Quantum simulation of coherent Raman lasing from Alkali dimers (published one paper).  Ising system emulation with RF parameteric oscillators Texas Instruments / FW developer (MGTS)May 2007 - Oct 2015, Ra’anana 802.11 protocol, data path optimizations, power-management, multi-link scheduling, FW infrastructure and tools, focal point for FW team. |
| **ㅡ** **Education** | horizontal line Bar-Ilan University / PhD in Physics2007 - 2011, Bar-Ilan University Thesis on 5D classical relativistic electrodynamics. Published 4 papers. Bar-Ilan University / MSc in Physics1996 - 1999, Bar-Ilan University Thesis on 2 body relativistic mechanics (Stueckelberg-Horwitz-Piron formalism). Bar-Ilan University / BSc in Physics and Computer Science1991 - 1996, Bar-Ilan University |