

Igal Aharonovich

Senior
S/W engineer

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Zur Moshe, Israel

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[linkedin profile](#)

Skills

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.

Recent experience

Palo Alto Networks / Sr. Principal SW Engineer

May 2018 - PRESENT, Tel-Aviv

Backend: rule engine and ingestion pipeline for large scale event stream.

SECDO / SW developer

Nov. 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.

Education

Bar-Ilan University / PhD in Physics

2007 - 2011, Bar-Ilan University

Thesis on 5D classical relativistic electrodynamics. Published 4 papers.

Bar-Ilan University / MSc in Physics

1996 - 1999, Bar-Ilan University

Thesis on 2 body relativistic mechanics (Stueckelberg-Horwitz-Piron formalism).

Bar-Ilan University / BSc in Physics and Computer Science

1991 - 1996, Bar-Ilan University