

Curriculum Vitae / Résumé – Roy Mimran

Contact Information

Postal address: 42 Burla st., Tel-Aviv 6936444, Israel
Phone numbers: (+972)(0)3-6991320, (+972)(0)54-4574602
E-mail: mimranro@post.bgu.ac.il

Education

Tel-Aviv University - B.Sc. in Mathematics & Computer Sciences.
Hebrew University in Jerusalem – Executive M.B.A., Finance track (with special honors).
Ben-Gurion University – attending Ph.D. program in business administration.

Working experience

Ongoing - academic:

2018 –2019 Academic College of Ashkelon – lecturer.
2017 – Ben-Gurion University – teaching & research assistant.
2014 – Open University – lecturer.

Hi-tech:

2013-2017 – Intel Corporation, Wireless Connectivity Solutions – Design applications engineer. Support for engineering information systems for chip design, analog/RF and digital design tools, support and maintenance for design flow, environment, database and scripts. Also acted as "Resource allocator" - responsible for all engineering computing resources (including Linux servers and storage) across WCS and iCDG in Israel.

2011–2012 – VLSI CAD Leader in DSP Group, based in Herzliya. In charge of digital design flow and infrastructure. Support Synopsys digital tools for implementation & verification, in-house verification environment based on Synopsys VCS, responsible for IPs management, infrastructure with Dassault Systemes/Synchronicity tools (DesignSync, ProjectSync and IP Gear) and Flow Tracer from Runtime for compute farm management. Also in charge of flow for hardware with SW-embedded tape-out.

2005–2011 – VLSI CAD Leader in PMC-Sierra. Originally hired by Passave to define and implement and RTL-to-GDS flow. I was responsible for defining design flow for digital and analog design, configuration management, defining standard Linux environment for designers and design tools, writing scripts and utilities for software tools and working with EDA companies. In 2006, Passave was purchased by PMC-Sierra. Since the merger, I was working on integrating Cadence tools and DesignSync database in the design flow, and training engineers in PMC design flow. Later, I moved the database to SVN, added advanced tools

for verification (like IFV and eManager) and emulation (Palladium). In 2010 I managed another CAD engineer in Herzliya. Since the acquisition of Wintegra by PMC late 2010, I was responsible for integrating the new team in PMC VLSI world, training and supporting them in PMC design flow and making required flow improvements.

2003-2005 – Tower Semiconductor, Nethanya design center – senior CAD engineer. I was in charge of the digital design flow, for support and ownership of simulation, synthesis, physical synthesis, place & route, static timing analysis, DFT and more. It included integration of design tools, writing scripts and utilities for tools, working with EDA companies. I took also part in Tower customers support, defining standard cell libraries and creating technology files. I presented a paper on PrimeTime in Israel SNUG 2005 conference.

2000-2002 – Mindspeed Technologies, Ra'anana design center (formerly Novanet Semiconductor) – CAD group leader. The company developed devices for WAN (mainly Sonet) communications. I was responsible for the design flow, starting from database management, integration of design tools, developing scripts and utilities for software tools, working with EDA companies. Focused on front-end tools and physical synthesis. Working environment: Sun/Solaris and WIN/2000.

1997-2000 – Infineon Technologies, Tel-Aviv design center (Formerly I.C.Com). The design center developed DSP processors. I wrote in-house tools, did tools integration and support synthesis flow based on Synopsys tools. I was responsible for configuration management, based on ClearCase, and compute farm management, based on LSF. Working environment: Sun/Solaris and Win/NT, developed in C and Perl.

1992-1997 – Israel defense force (IDF), communications corps. I participated in the academic reserve program – after my university studies, I had a military officers professional training in Mamram. Then I was assigned to manage a 10-people team that supported computers and software in my unit.

Later, I led the project of upgrading the data communication infrastructure in the whole logistics corps of IDF, from an old IBM-mainframe terminals-based system, to TCP/IP based network for client-server applications.

During my military service I specialized in supporting large scale computer, software and telecommunications system for high demanding customers.

My last (and current) military degree: Major.