

Michael Tolochinsky

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EXPERIENCE

Embedded Software Engineer at Ceragon Networks Sep 2018 – Present

Software development in C/C++ for Ceragon Networks embedded mobile backhaul platforms:

- Developing and debugging object-oriented software in a real-time, embedded, multi-threaded environment.
- Low-level/embedded SW implementation in Linux environment.
- Improving and maintaining existing software components.
- Closely collaborating with other R&D groups, such as system engineering, software, hardware and verifications.

Student Intern - Radio Team at Ceragon Networks Jun 2017 – Sep 2018

- Developing automation infrastructure (Drivers, APIs, scripts) for Ceragon's next-generation platforms using MATLAB.
- Debugging and analyzing problems and pointing the root cause working with RF System, Algorithms and Software Groups.
- Integration and validation for multidisciplinary systems including testing of transceiver and data communications.
- Reading and understanding the electronics schematics and layouts, operating digital scopes and other test equipment.

Missile Experiment Unit at IAF (Under RAFAEL's Outsourcing) Jun 2014 – Jun 2017

- Specialization in the RF of the radar system.
- Leading and guiding projects from the planning stage to the system. Projects that combine hardware and software. Design of electrical circuits and characterization of RF components.
- Programming in C for C8051 and an ARM based microcontroller.
- Hands-on RF Test equipment's. (Spectrum analyzer, Network analyzer, Signal/Wave generator, Power meter, Scope)

EDUCATION

Holon Institute Of Technology, Bachelor's of Science in Electrical Engineering	2015-2019
Ort Hermelin, Practical Engineer in Electrical Engineering	2012-2014

LANGUAGES

Hebrew - Native speaker | English - Highly proficient | Russian - Highly proficient