Sergey Konstantinovsky

Looking for a full time software position | B.Sc. in Electrical and Electronics Engineering | System Engineer

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Educational Qualifications:

- 03/2020 – 07/2020 - C Programming boot-camp
  Infinity-Labs, Ramat-Gan
- 2010 – 2016 - B.Sc. in Electrical and Electronics Engineering
  Ort Braude, Karmiel
- 2009 – 2010 - Practical Engineer in Electrical Engineering
  IAF technical school, Haifa
- 2007 – 2009 – Electrical Bagrut Diploma
  IAF technical high school, Haifa

Projects and skill sets:

Projects:

- "Watchdog" – Scheduler and signal based, executable Process Watchdog, in C, as part of C boot camp
- "Scheduler" – Heap Priority Queue based, task Scheduler, in C, as part of C boot camp
- "Micro stepper" – Implemented micro stepping on an Arduino based system with stepper motor, Improved step size from 1.8 Degrees to 0.45 Degrees, as part of B.Sc. in Electrical and Electronics Engineering
- "Safe security system" – Improved product safety by implementing a pseudo random code generator for a safe, based on a 8051 family micro controller and a Real Time Clock, coded in Assembly

Languages: C, Python, Bash, Assembly

SW: Gedit, GCC, GDB Debug, Visual Studio Code, PyCharm, Git

Work History:

2016 – 2020 - System Project Engineer - Network division, Israeli Air Force Headquarters

- Project management of access control systems and sites security and defense
- Defining requirement specifications, system architecture and interface, test planning and execution, correction of design flaws
- Leading large scale projects of high complexity as a system engineer

2014 – 2016 - Project Team Manager - Network Division, IAF Base

- Managing 2 teams of 22 technicians in total - Network IT team

Military Service:

2014 - 2020 Military service in Israeli air force. Top secret clearance. Honorable discharge as a Captain

Languages:

Hebrew – Native speaker, **Russian** – Native speaker, **English** – Professional speaker