

Felix Weiss Zhdanov

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Passionate Multidisciplinary RT Embedded Systems Developer with hands-on approach.

Enthusiast on technology. Leading hardware products from idea to prototype and mass production:

Looking for an interesting, challenging and influential position.

Working Experience –

(2018-2020) HW team leader at TRACXPoiNT.

Leading a multidisciplinary team with SW, HW, Mechanical, and Algorithm engineers. Responsible for the design, bring-up, and sustain of the project/products hardware system platform. Assemble electrical, mechanical product-systems and prototypes. In charge to develop and maintain HW and FW of all company products, Mixed signal circuit design, sub giga PCB layout, Writing FW on a bunch of microcontrollers from Atmel family, TI, Nordic and RPI.

Leads Environment and EMC certification, prepare supply chain and manufacturers for production.

(2017-2018) Electronics Engineer BRANDSTETTER SYSTEMS.

Responsible for HW development in the company worked on the development of IoT control system for Heat Pump, home heat control.

Characterized the system, chooses the components, designed the circuits and PCB's, built the interfaces and develop FW drivers. Used protocols as UART, SPI, I2C, RS232, 485, AT Commands. Assemble mechanical and electronics prototypes. Done all the debug, integration and testing for the entire system.

Worked with 3D printing, metal and plastic manufacturers.

(2016-2017) Electronics Engineer at TME ENGINEERING.

Providing outsourcing service for HW and FW development, were part of a team that developed implant robots, smart syringe. Main response: Perform experiments, board design & PCB layout, developing drivers & FW (C++, Python), circuit design, signal processing digital/analog, debug and test of subsystems.

Education -

(2013-2017) BSc Electronic Engineer, ORT BRAUDE.

Working Environments -

- Programming languages : C++, Python, VHDL, MATLAB
- Development environments : Visual Studio, PyScripter, Gedit, Altera-Quartus, ArduinoIDE, Atmel Studio Eagle, Altium, CCS, IAR, Windows, Linux

Military Experience -

Captain, Combat SF unit.

Languages -

Hebrew, English, Russian.