Vitalii Shunkov

Vitalii Shunkov's CV

View the Project on GitHub vitalii17/my-cv

Vitalii Shunkov

Electronic design engineer based in Kyiv, Ukraine

Email/LinkedIn/GitHub/Facebook/Telegram
Link to PDF verion

Competences

- PCB development: multi-layer boards, low-power, RF, circuit design
- 3D design: plastic enclosures, optimized for ijection molding, 3D-printing and CNC-machinig
- Tools: Altium, Solidworks, CST Studio, LTSpice, Git, MathCAD, LabVIEW
- Additional skills: hand soldering, 3D-printing, CNC-machinig, Pick and Place machine operating, programming languages (Python, C)

Technical Experience

01.2018 - present days: Mobile Soft LLC (Hardware development company) | Electronic Design Engineer

- Development of printed circuit boards
- 3D design of plastic enclosures
- Supply chain management
- Management of manufacturing process
- Development of test firmwares in C language
- Projects:
    - All hardware for i-bee - smart apiary
    - GPS-tracking devices for Spider GPS
    - Devices for safety monitoring of electric transmission lines for DTEK
    - Ultrasonic wind sensor

08.2016 - 05.2017: LDI Lab (LED lighting manufacturer) | PCB Design Engineer

- Development of printed circuit boards
- Development and maintainig of components library
- Projects:
    - LED drivers
    - LED lamps
    - Packstation stack controller

01.2015 - 05.2015: Укртрансзв'язок (Manufacturer of industrial safety systems) | Electronic Design Engineer

- Development of printed circuit boards
- Reverse-engineering
- Projects:
    - Roof safety monitoring system for industrial buildings

On the side

- Creator of PCB-developers community @PCB Chat
- Creator of open-source components library
- Developer of applications for old Symbian-based smartphones Just for fun:)

Languages

- English: Intermediate(B1)
- Russian: Native
- Ukrainian: Native

Education

- 2012 - 2018: National Technical University of Ukraine "Kyiv Polytechnic Institute", Radio Engineering Department, Master's Degree in radio engineering.
- 2021: English learning in Study Academy

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