

Vitalii Shunkov

Vitalii Shunkov's CV

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Vitalii Shunkov

Electronic design engineer based in Kyiv, Ukraine

[Email/LinkedIn/GitHub/Facebook/Telegram](#)

Competences

- PCB development: multi-layer boards, low-power, RF, circuit design
- 3D design: plastic enclosures, optimized for injection molding, 3D-printing and CNC-machining
- Programming languages: Python, C, Qt/QML
- Tools: Altium, Solidworks, CST Studio, LTSpice, Git, MathCAD, LabVIEW
- Additional skills: hand soldering, 3D-printing, CNC-machining, Pick and Place machine operating

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: **Укртрансв'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](#)

This project is maintained by [vitalii17](#)

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