

Vitalii Shunkov

Vitalii Shunkov's CV

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Vitalii Shunkov

Electronic design engineer based in Kyiv, Ukraine

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Competences

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

Technical Experience

08.2021 - present days: [Ajax Systems](#) (Security systems manufacturer) | Hardware Engineer

01.2018 - 08.2021: [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 Engineer

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

01.2015 - 05.2015: [Укртрансб'язок](#) (Manufacturer of industrial safety systems) | Junior Electronic Design Engineer

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

On the side

- 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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