



**MIKHAIL  
VYSOTSKIY**



## CONTACTS



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Moscow



n-sance



## ABOUT

Age: 25

Specialist with 2+ years experience in embedded development and 1+ in automotive SW validation and project management looking for a new opportunities in automotive IT industry. Willing to relocate.



## LANGUAGES



**ENGLISH** Advanced practical skills



## SKILLS



**C** 2+ years of using during embedded development



**C++(14-17)** Improving in progress. Good at algorithms and memory allocation. Green at threads, patterns.



## DESIRED POSITION

Software developer



## EDUCATION



**SCHOOL 21 MOSCOW**

2019 - 2022

SW developer. Software engineering.



**IVANOVO STATE UNIVERSITY OF POWER  
ENGINEERING**

2012 - 2016

B.Sc. Electromechanical. Electrical drive and power electrical engineering

GPA: 4.4 out of 5



## WORK EXPERIENCE



**GROUP RENAULT**

01.2020 - PRESENT

Automotive SW integration manager. SW Quality Assurance.

- Responsibilities: manage automotive ECU SW development; create validation plans for ECU and infotainment systems
- With colleague created a validation plan for brand new LADA infotainment system
- Made an assessment of SW supplier and predict bottlenecks and blocking points for the future



**GROUP RENAULT**

07.2018 - 01.2020

SW validation engineer. Multimedia and telematics.

- Carried out validation of vehicle infotainment systems in accordance with test plans
- Had responsibilities for up-to-date SW versions delivery on brand new Renault cars during marketing events
- With colleagues solved the "GPS Spoof" on Geneve Motor Show 2019 and prevented possible negative feedback from journalists
- Initiate collaboration and define RASIC among multimedia SW engineers in Russia and France



**NOT JUST A TOY INC.**

11.2018 - 01.2019

Embedded SW engineer.

- Developed SW for WIFI driver with automatic connection to MQTT server (ESP8266, STM32, C/C++, RTOS)
- Developed SW power management driver for ESP8266

- **EMBEDDED ELECTRONICS**  
 Able to develop efficient device from scratch. Understand how big commercial projects are going up
- **PYTHON 3** Flask, NumPy, std libraries
- **AUTOMOTIVE** Precisely understand vehicles E/E architecture, automotive SW development features.
- **DOCKER** Able to create docker and automate its deploying
- **LINUX** Able to write scripts on BASH, manage system in terminal, configure system as a web server and etc.
- **SOFTWARE VALIDATION**
- **A-SPICE** Theoretically informed. Partially take part in implementation
- **AUTOSAR** Participate in management SW development with AUTOSAR stack implementation
- **TECHNOSPARK (TROITSK, MOSCOW)** 09.2017 - 07.2018  
 Embedded engineer. Radio Frequency ID.
  - Improved HW & SW of device used in automation of laundry business that allowed brought it to market and earn ~600k rub for company
  - Developed SW(stm32, linux) for sports marathon tracker. Final price was 2x times cheaper comparing with competitors
- **LENPOLIGRAPHMASH (ST.PETERSBURG)** 09.2016 - 08.2017  
 Embedded SW/HW engineer. Printing machines.
  - Developed benchmarking device for testing and emulating timings of different sensors in LED printer.
  - Unraveled LED line's protocol on competitor's printer
  - Developed robustness test board for brushless motors, that could potentially allow to choose more reliable ones
  - Improved my skills in electronics and embedded SW development
- **IVANOVO STATE ENGINEERING UNIVERSITY** 09.2013 - 08.2016  
 C/C++ labs assistant.
  - Developed unit tests for Basic programming course. It helped to decrease efforts on grading students' code.



## COURSES

- **LSI PORTSMOUTH, HAMPSHIRE, UK**  
 Upper intermediate English
- **SAINT-PETERSBURG ITMO UNIVERSITY**  
 Programming on Python
- **RENAULT TECHNOCENTER, GYUANCOURT, FRANCE**  
 Automotive infotainment SW validation

- **YANDEX**  
Modern C++: level 1
- **YANDEX**  
Modern C++: level 2





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## COVER LETTER

I'm looking for a job in cutting-edge technologies industry with high loaded workflow preferably linked with automotive industry

I have 2+ years of experience in IT industry with focus on hardware design and embedded software engineering.

Developed various projects and passionate about C/C++ and Python 3.xx programming and also

I have experience in development device from basic idea to stable working uni with serial manufacturing. My professional interests are: automotive, IoT, robotics, AR/VR, web

Soft skills: Able to lead a project, manage small group of engineers, stress tolerance, self confidence, ability to defend my point of view.

Personal qualities:

Creative minded, communicative, fast learner, perseverance, work for results, ability to work in a team, logical thinking, do not smoke

In my free time I do sports(crossfit), compose music, learn history of Medieval europe(especially Ireland and Britain) and travel all over the world.