

# Sergey Nazaryev

Embedded Linux Engineer, 23 y.o.  
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4 years as Embedded Linux Developer, 6 years total as a developer.  
Looking for an Embedded Linux-related position.

## WORK EXPERIENCE

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- 2019 | **Embedded Linux Platform Engineer @ Cogent Embedded**  
Embedded automotive software / 2018 – 2019
- Maintained Yocto layers for in-house Linux distro based on Yocto Project;
  - Improved deployment speed of OS and applications to new devices;
  - Organized reproducible builds for software using Jenkins;
  - Documented firmware deployment to new devices.
- Yocto Project, Automotive Grade Linux, Qt 5, C/C++, POSIX shell, Renesas R-Car, Jenkins
- 2016 | **Embedded Linux Engineer @ Protei**  
Telecommunications solutions / 2016 – 2018
- Participated in R&D of in-house Linux distro based on Buildroot for devices made by company;
  - Ported and fixed drivers for Linux and U-boot, sometimes developed small drivers from scratch;
  - Helped HW engineers with fixing bugs related to SW/HW interactions;
  - Created and supervised building process using Jenkins, GitLab CI and Docker.
- Freescale i.MX6 / x86, Qt 5, Debian GNU/Linux, C, POSIX shell, Python, Buildroot, Jenkins, Docker
- 2015 | **Embedded Linux Developer @ NTC Metrotek**  
Networking hardware / 2015 – 2016
- Ported application from Nut/OS (AVR) to GNU/Linux (ARM);
  - Adapted Debian GNU/Linux for running on devices created by company;
  - Helped with packaging software for Debian GNU/Linux.
- Altera Cyclone V, Debian GNU/Linux, C, Python, POSIX Shell, Jenkins
- 2014 | **Junior Android Developer @ Mobium** (*Android e-commerce apps development*)

## SKILLS (MOST IMPORTANT ARE UNDERLINED>

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<b>Primary tools for me</b>	<u>C</u> and <u>POSIX shell</u>
<b>Have experience with</b>	Python, Java (Android)
<b>VCS</b>	Git, Subversion
<b>Build tools</b>	<u>GNU make</u> , <u>Jenkins</u> , GitLab CI
<b>Linux distros</b>	<u>Debian</u> , <u>Arch Linux</u> , <u>Buildroot</u> , Yocto
<b>Other</b>	<u>Vim</u> , <u>Markdown</u> , <u>L<sup>A</sup>T<sub>E</sub>X</u> , HTML5/CSS3, Docker
<b>Languages</b>	English, Hebrew (elementary), Russian

## EDUCATION

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**ITMO University (Information Technologies, Mechanics and Optics)**  
B.Sc., Embedded Systems / 2013 – 2017