

PAVEL TURYSANSKIY

PHONE: +7 999 239 8819
EMAIL: p.turyanskiy@pm.me
GITHUB: [cmcmA20](#)

SUMMARY

I'm a software developer based in Russia. First time I got interested in functional programming in 2014 but my skills were definitely lacking. After studying a bit of hard mathematics and graduating I find myself capable of trying it in a real environment.

I used to do different jobs until I felt comfortable with my general IT experience.

SKILLS AND ACCOMPLISHMENTS

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| LANGUAGES: | Russian, English |
| TRANSLATIONS: | Category Theory for Programmers by Bartosz Milewski , see Russian subtitles |
| FUNCTIONAL PROGRAMMING: | studied Haskell under Artyom "neongreen" Kazak have done Software Foundations in Idris |
| NETWORKING: | designed and overseen the construction of enterprise ethernet networks (up to a hundred of PCs, mainly copper) designed and overseen the construction of enterprise virtualization cluster networks designed and developed a simple scalable VoIP system for enterprise using Asterisk + LUA |
| VIRTUALIZATION: | designed, built and maintained virtualization clusters using VMware ESXi and Proxmox transitioned legacy infrastructures to private cloud |
| OS: | operated Windows Server (2008 - 2012R2), FreeBSD, Linux (Debian, CentOS) in production personally prefer Void Linux and OpenBSD |
| SECURITY: | have basic experience with SIGINT can do something resembling really secure boot with coreboot + HEADS and TPM |

INTERESTS

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| MATHEMATICS: | casually read nLab, sometimes even understand skimmed through HoTT book and preparing to study HoTT in Agda studied topology and differential geometry under Iskander Taimanov completed Robert Ghrist's Calculus: Single Variable |
| HARDWARE: | recently got interested in Thinkpad tinkering want to learn building UAVs |

WORK EXPERIENCE

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| OCT 2017–JUL 2019 (1 year, 10 months) | Information Security Engineer at FSUE NPP Gamma, Russia was on duty in Samara Arena during FIFA 2018 world cup as a technical security consultant had done some PowerShell automation, physical fleet configuration management (w/Saltstack) operated Rohde&Schwarz and Agilent spectrum analyzers through Python + NIVISA |
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| | <p>designed computer networks</p> <p>had to work with obscure equipment and software</p> |
| <p>JAN 2017–AUG 2017 (8 months)</p> | <p>Network Engineer at Sibirskie Seti Ltd., Russia</p> <p>configured equipment of the following vendors: Extreme Networks, Juniper, Cisco, D-Link, TP-Link</p> <p>wrote network monitoring scripts for Nagios using bash/Python</p> <p>performed equipment and network testing with Python + scapy</p> <p>communicated with NOCs of other ISPs</p> <p>got an L2 loop in the management network once</p> |
| <p>SEP 2016–DEC 2016 (4 months)</p> | <p>Engineering Technician at ITVaksa Ltd., Russia</p> <p>everything from physical cabling to small business network/system design</p> |

EDUCATION

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| <p>SEP 2014–MAY 2018 (4 years)</p> | <p>BS in Informatics at SibSUTI, Novosibirsk, Russia</p> |
| <p>SEP 2006–MAY 2010 (4 years)</p> | <p>at Lyceum 1, Bratsk, Russia</p> <p>Physics and Math specialization</p> |