

PAVEL TURYANSKIY

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SUMMARY

I'm a software developer based in Russia, currently interested in functional programming, type theory and program verification.

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

SKILLS AND ACCOMPLISHMENTS

NATURAL LANGUAGES:	Russian, English
PROGRAMMING LANGUAGES:	C, Haskell, Idris, Octave, Python, x86 asm, Arend, Java (in order of decreasing proficiency)
TRANSLATIONS:	Category Theory for Programmers by Bartosz Milewski , see Russian subtitles
PROGRAMMING:	studied Haskell under Artyom "neongreen" Kazak have done Software Foundations in Idris enjoyed doing homotopic stuff on computer with Arend finished a seL4 OS creation tutorial (with a mixed success)
NETWORKING:	designed and overseen the construction of enterprise ethernet networks (up to a hundred of PCs, mainly copper and a bit of fiber) designed and overseen the construction of enterprise virtualization cluster networks designed and developed a simple scalable VoIP system for enterprise using Asterisk + custom call routing in LUA
VIRTUALIZATION:	designed, built and maintained virtualization clusters using VMware ESXi and Proxmox transitioned legacy infrastructures to private cloud
OS:	operated Windows Server (2003 - 2012R2), FreeBSD, Linux (Debian, CentOS) in production used Qubes OS for 2 years, dabbled in seL4 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

MATHEMATICS:	casually read nLab, sometimes even understand skimmed through HoTT book and studying HoTT in Arend now 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

DEC 2019–NOW (currently employed)	Software Developer at Tinkoff Bank. , Russia writing Haskell for a living
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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 designed computer networks had to work with obscure equipment and software
JAN 2017–AUG 2017 (8 months)	Network Engineer at Sibirskie Seti Ltd., Russia configured equipment of the following vendors: Extreme Networks, Juniper, Cisco, D-Link, TP-Link wrote network monitoring scripts for Nagios using bash/Python performed equipment and network testing with Python + scapy communicated with NOCs of other ISPs got an L2 loop in the management network once
SEP 2016–DEC 2016 (4 months)	Engineering Technician at ITVaksa Ltd., Russia everything from physical cabling to small business network/system design

EDUCATION

SEP 2014–MAY 2018 (4 years)	BS in Informatics at SibSUTI, Novosibirsk, Russia
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