Software Development Engineer in Test (Python) Software Development Engineer in Test (Python) Software Development Engineer in Test (Python) - PACKET PATH Fremont, CA Software Development Engineer TECHNICAL TOOLS Python, Linux administration, bash, C, OOP, KVM, containers, libvirt, Vagrant, server side/network programming, ZeroMQ, RabbitMQ, Tokyo Cabinet, SQLite, GNU toolchain, git, PXE, kickstart, Continuous Integration (Bamboo), chef, Django, bootstrap/javascript. Work Experience Software Development Engineer in Test (Python) PACKET PATH - Menlo Park, CA 2016 to Present A contract position. Participated in two projects: Express Wi-Fi (3 months) Wrote scripts to collect and post process SNMP data from Wi-Fi access points (Ruckus, Ubiquiti, Cambium). Test automation [python, chef, Vagrant, KVM, VirtualBox]. Terragraph Wrote a web application to post process and visualize a set of raw wireless parameters. This application become a part of the CI process as a tool for a quick investigation [python, Django, bootstrap/javascript, matplotlib]. Test automation. Regression testing. Software Development Engineer in Test (Python) PHORM - Moscow, RU 2014 to 2016 Created automation tests for the web crawler of the advertizing platform: WebIndex. Used python, HTTP protocol, Tokyo Cabinet (NoSQL), ZeroMQ. Supported Continuous Integration process (Bamboo). Software Development Engineer in Test (Python) PARALLELS - Moscow, RU 2010 to 2014 Developed automation tests for the Parallels products: Virtuozzo Containers/OpenVZ and Parallels Desktop for Mac(hypervisor). Was in charge of the products' build verification process. Implemented part of the Continuous Integration project. Junior Software Developer (C) AURIGA - Moscow, RU 2007 to 2010 Did bugfixes in LynxOS-178 (POSIX, Unix-like, real time OS): drivers, BSPs, user-space tools. Took part in DO-178b certification: wrote unit tests, code coverage snippets, ported Open Group Test on vmpc(MPC7400), cpr(MPC7447), 3uv2(MPC7448), cwdy4(MPC7448) targets. Wrote scripts for Lauterbach Trace32 debugger. QA engineer (bash, C) AURIGA - Moscow, RU 2006 to 2007 Auto and manual testing of LynxOS-178. Also worked as a build engineer. System Administrator SPORTEX - Moscow, RU 2003 to 2005 Supported distributed office network. There were 4 Linux servers (iptables, postfix/fetchmail/procmail, squid, samba, openvpn, printing) and 6 Windows 2000 servers (AD,   Citrix, business software). Education M.S in Physics Moscow State University -

Moscow, RU 1997 to 2003 Computer Science Institute of Artificial Intelligence 1995 to 1997 Links

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