

Stanislav Fomichev

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Skills

<i>Programming languages</i>	Proficient with C Familiar with C++, Ruby, Python, Shell scripting Understanding of OOP and design patterns
<i>Software and tools</i>	Familiar with GNU toolchain, Make, GDB, Autotools, Diff, Patch, Quilt Experienced with distributed revision control using Mercurial and Git
<i>Operating systems and environments</i>	Linux 2.6.x/3.x and eCos kernels internals (drivers development) Everyday user of Vim, Tmux, Bash, Mutt
<i>Foreign languages</i>	Intermediate English Native Russian

Experience

<i>2011 - present</i>	Senior Software Engineer EPSCoM AG – Ported OMCI application and GPON drivers to eCos
<i>2008 - 2011</i>	Software Engineer EPSCoM AG – Implemented complete OMCI (ITU G.984.4/G.988) protocol stack (userspace) for MIPS board – Implemented U-boot Ethernet and GPIO drivers – Implemented Linux I2C and SPI drivers, as well as parts of Ethernet and GPON drivers – Ported NAND and SPI Flash drivers from U-boot to Linux – Ported VoIP, crypto and other BSP drivers to the new versions of Linux kernel/board architectures – Installed and maintained build server running Debian (SSH, SMB, TFTP, NFS, etc)
<i>2011 - present</i>	Open source Github – Small fixes for Linux kernel – Stability patches for OpenWRT UCI – Russian translation for LuCI

Education

<i>2008 - 2013 (anticipated)</i>	Specialist National research nuclear university "MEPhI" (Moscow) Computers, computer-based complexes, systems and networks
<i>2004 - 2008</i>	Technician College of Math (Moscow) Computers, computer systems, software