M.Sc. Comp. Sc. Denis Fateyev   *Curriculum vitae*

CONTACT INFORMATION	Stroitelnaya str., 12/103 110000 Kostanay Kazakhstan

E-mail: denis@fateyev.com
WWW: http://www.fateyev.com

Mobile phone: +7 (701) 773-92-08
Home phone: +7 (7142) 28-07-91

PERSONAL DETAILS

Gender: Male
Citizenship: Kazakhstan
Date of birth: 14th August 1984
Language skills: English (advanced); German (basic); Russian (native)

PROFESSIONAL INTERESTS

Linux, BSD and UNIX systems development, administration and maintenance, Red Hat software stack, computer networks, operating systems and system software, security solutions, various network and server hardware, virtualization technology, network daemons and services, clusters, complex systems, distributed computing; programming on C/C++, Asm, FPC; algorithms, cryptography, code optimization; development for UNIX/Linux, TI MSP430 and Atmel ATmega MCU.

AVAILABILITY

- Start time is negotiable; may be possible to start immediately
- Geographic location: remote work, but relocation to Germany is preferrable

EDUCATION

Kostanay State University, Kostanay, Kazakhstan

M.Sc., Computer Science, Sep 2011 – Jul 2013   GPA: 3.87/4.0

- Thesis topic: *"Modern data protection cryptosystems based on public key. Elliptical cryptography"*
- Adviser: Assoc. Prof., Candidate of Tech. Sc. S. A. Kudubayeva
- Area of study: Computer Science, Programming and Algorithms

University of Oldenburg, Oldenburg, Germany

International exchange studies at Carl von Ossietzky Universität Oldenburg, CogniLog research project at Oldenburg Research and Development Institute of Computer Science (OFFIS)
Department of Computer Science, Fakultät II, Oct 2012 – Feb 2013

- Academic adviser: Prof. Dr. Martin Fränzle
- Project adviser: Prof. Dr.-Ing. Axel Hahn
- Area of study: Computer Science, English, German

Kostanay State Pedagogical Institute, Kostanay, Kazakhstan

B.Sc., Physics and Computer Science, Sep 2001 – Jul 2005   GPA: 4.95/5.0

- Magna cum Laude, with honors
- Grant with fellowship from the Ministry of Education
- Thesis topic: *"Development of the control program for knowledge monitoring using computer based tests"*
- Adviser: Assoc. Prof. A. D. Tsyganova
- Area of study: Physics, Computer Science, Math, Pedagogics

R&D Institute of Computer Science (OFFIS), Oldenburg, Germany

Software Developer in "CogniLog" Project Group   **Nov 2012 – Feb 2013**

- Supervisor: Prof. Dr.-Ing. Axel Hahn
- Developing and programming for Texas Instruments (TI) MSP430 platform.
- PROFIBUS Proficonn-DSUB adapter driver development and appliance.
- Various EEPROM, Proficonn hardware and TI MSP430 interoperability.

Uplink LLC, Kostanay, Kazakhstan

System Administrator   **Aug 2011 – Jan 2012**

- Network equipment installation and maintenance (D-Link, Allied Telesys L2/L3 managed switches; routers; VLAN, ACL, QoS, SNMP).
- Hardware management and monitoring implementation.
- VoIP solutions installation and support (Asterisk, D-Link VoIP hardware gateways; SIP, IAX2 trunking; PSTN; IVR, DISA, prepaid phone cards).
- Eltex MC240 PBX installation, TM.IP module, Kamailio, SS7 signalling, E1 channels installation and support, upstream provider coordination.
- Network services deployment (web, mail, ftp, IP-multicast, unicast, etc.)
- Various system administration tasks (RHEL, Ubuntu, AlliedWare, Mikrotik).
- Software RPM packaging.
- Technical support for customers.

DEP LLC, Kostanay, Kazakhstan

System Administrator   **Mar 2007 – Jul 2011**

- Implementing new features into network infrastructure, now based on Linux, Windows and BSD. Network, services and security model redesign.
- Server hardware installation and maintenance (HP ProLiant ML/DL 370, RAID5/10, HP iLO2, HP Service Pack, HPADU, ACU, RBSU).
- Various system administration (RHEL/CentOS, ASPLinux, Fedora, Debian-based, Mandriva, Mikrotik, pfSense, Windows 9x/XP/2003/Vista/7, etc.)
- Network LAN and WAN services (web, ftp, mail, Samba PDC, LDAP, etc.)
- Automatic backup service with data encryption (BackupPC, LUKS).
- VoIP solutions installation and support (Asterisk, FreePBX, D-Link HW).
- Openfire IM-service , integrating XMPP with gateways and VoIP solutions.
- VPN country-wide OpenVPN solutions with remote clients, xDSL, VLAN.
- Developing software for Windows terminal services, arranging virtual channels, bootstrap routines, program helpers, custom monitoring software.
- "1C: Enterprise" client-server software (Linux amd64, PostgreSQL) support.
- AutoGraph GPS monitoring service installation and support.
- Wireless (AP, WDS) and satellite equipment maintenance.
- Packaging RPMs for RedHat-based systems.
- Documentation, various system administration and user support.

Kostanay Social-Technical University, Kostanay, Kazakhstan

Network Administrator   **Feb 2006 – Mar 2007**

- Configuring, installation and administration of LAN infrastructure.
- Server HP ProLiant ML/DL360 hardware support and maintenance.
- Network services incl. web, mail, proxy, etc. installation and administration.
- Various administrative responsibilities on IPCop, ASPLinux, RHEL/CentOS, Mikrotik RouterBoard, pfSense systems, DVB SkyStar2, VDSL, etc.
- Implementing backup and disaster recovery solutions.
- Network resources management solutions support.
- Wired, wireless and satellite equipment maintenance.
- Documentation, support and troubleshooting.

Kostanay State Pedagogical Institute, Kostanay, Kazakhstan

Computer Science Lecturer   **Sep 2005 − Aug 2006**

- Developing educational courses for bachelor students (Personal Computers, PC Architecture, Databases); working out syllabus, various reports.
- Holding lectures, seminar, exercises and tutorials.
- Introducing Linux course into computer science educational program.

JOURNAL PUBLICATIONS

[1] Fateyev, D. G. and Kudubayeva, S. A. Cryptographically strong elliptic curve generating and choosing methods. *3i: intellect, idea, innovation*, 16(4):124–126. 2012.

[2] Fateyev, D. G. and Kudubayeva, S. A. Elliptic curve "random choice" strategy elements (in Russian). In: *"Mathematics, teaching and usage" International Conference*, issued in "Vestnik KGPI", 1:39–43. 2012.

[3] Fateyev, D. G. and Kudubayeva, S. A. Elliptic curve "random choice" strategy elements (in Russian). *3i: intellect, idea, innovation*, 16(4):135–138. 2012.

TECHNICAL SKILLS

Operating Systems:
- Linux systems support and maintenance (Red Hat Enterprise Linux, CentOS, RH-based systems; Fedora; Mandriva; Debian-based, etc.), daemons, services.
- UNIX/BSD knowledge (OpenBSD, FreeBSD, Cisco IOS, Mikrotik, AlliedWare).
- Windows Server administration (familiar), proficient Windows user.

Server and Network Hardware:
- Server hardware (HP ProLiant ML/DL series), security and monitoring.
- Network equipment (Allied Telesys L2/L3, D-Link switches; Mikrotik RouterBoard, Ubiquiti, ALIX, Soekris; VLAN, ACL, QoS, xDSL, SNMP; wireless).

Embedded and Real-time Systems:
- Texas Instruments (TI) MSP430, Atmel ATmega MCU's, Arduino platform.

Programming Languages:
- C/C++ (UNIX/Windows), Pascal, FreePascal (FPC), Delphi.
- Assembler (Windows): FASM, TASM32, MASM32.
- Bash scripting, some certain skills in Perl, PHP, Python, awk.

Development Workflows:
- Project management software (Trac, Launchpad, Bugzilla, Flyspray, GitLab).
- D-/C-VCS (CVS, Subversion, Git), build systems (autotools, cmake).
- Eclipse, Lazarus, Code Composer Studio (TI CCS) development.

Computer Applications:
- LaTeX(TeX Live, pdfTeX), BibTeX, packages and classes.
- Competent with common office tools, Microsoft Office/LibreOffice programs.

MORE INFORMATION

Language Certificates:
- **2012** "Test of English as a Foreign Language" (TOEFL): PBT 540/677
- **2013** Deutschkurs 3 (Niveaustufe A2/B1) Zeugnis des Sprachenzentrums
- **2013** Teilnahmebestätigung (Niveau B1) des Sprachlernzentrums Kostanai

Open Source Projects Contribution:
- Repoforge (RPMForge, Dag's Repository) official commiter
- Various open source projects: Ubuntu, OpenSMTPD, seaslic, etc.

REFERENCES   References and recommendation letters are available upon request.