EVGENY ZORIN

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SENIOR-LEVEL TECHNOLOGY PROFESSIONAL
Application Development • Automation • Fibre Optics • Telecommunications

Multifaceted software and systems engineering professional with proven success utilising business expertise to design, develop, test and implement innovative technical solutions to meet business needs. Excellent communicator fluent in Russian, English, and French. Adept at leading international project teams through the full project lifecycle to complete massive technology initiatives. More than 10 years of experience encompassing systems administration, program engineering, project development and management, and application and network development. Fluent in Russian, English, and French.

CORE COMPETENCIES

Software Engineering	Application Development	Network Hardware
Telecom Engineering	Test / Evaluation	Data Acquisition
Platform Automation	Systems Configuration	SAP Integration
Automation Software	Business Needs Analysis	Documentation
Infrastructure Engineering	Network Integration	Event Management
Systems Engineering	Web-Based Applications	System Security
Dashboard Development	Rules-Based Authentication	User Support
Project Management	Component Management	Server Management

CERTIFICATIONS

Certified LabVIEW Associate Developer	Working Efficiently With LabVIEW
Nortel Meridian 1 Futures Networking Fast Track	ZEL: Introduction to Particle Accelerators
Joint PVSS-JCOB Framework	Object-Oriented Design Patterns
Intel Computer Architecture and Performance Tuning	JavaScript for Web Development
Developing Secure Software	IOS Development
Radiological Protection	

PROFESSIONAL EXPERIENCE

SWDrom, Nizhny Novgorod, Russia   **2012-Present**
Software Engineer
Develop sophisticated web game application for ios mobile market. Implementing different multimedia and social web services. Drive group brainstorming for technical problem solving.

- Developing ios application with integration social network support like Facebook and Twitter .
- Developing application for real time voice changing in ios.
- Big experience in creating ios application which compatible with ios 4.0 4.3, 5.0, 5.1 6.0.1.
- Good practice with GUI implementation for Ipad and Iphone.
- Advance knowledge with javaScript programming.
- Huge experience with developing (wearing) and testing on real devices.

CERN, Geneva, Switzerland   **2008-2012**
International nuclear research organisation operating the world's largest particle physics lab. 2,400 employees.

Programmer Engineer
Develop one-of-a-kind applications in a multinational, multilingual environment to facilitate scientific use of data collected by sophisticated laboratory equipment. Utilise skills including Linux-based LabVIEW, Java and TCP / IP, JavaScript, PVSS, Pithon, PHP and C++. Design, test and implement automations to optimise functionality. Develop and test data control and acquisition software. Drive group brainstorming for technical problem-solving.

- Recognised for developing at least 5 high-profile applications optimising use of CERN devices, winning accolades both inside CERN and from scientific users in European member nations.
- Created a Web-based dashboard application that provides millions of global users a simple way to retrieve scientific data from the Large Hadron Collider (LHC) particle accelerator.
- Led full lifecycle development of Linac4 linear accelerator test bench application that displays and migrates data to a network disk for analysis.

- Extended client usability of Linac4 software for several years by engineering enhanced software flexibility.
- Won long-term contract extension and additional major projects.
- Published several scientific papers and delivered technical presentations at scientific conferences.

LIM, Nizhny Novgorod, Russia • 2006-2008
Small, private medical equipment provider.

System Administrator
Administered hardware and software technologies and tools across all business operations, including accounting and marketing. Updated, upgraded and managed the corporate website as Webmaster. Ensured network security by developing and managing a sound, fully integrated system. Documented all technology development projects in IT commercial systems. Supported end users.

LIM (continued)

- Integrated sales and accounting SAP applications, boosting profitability by 45% and productivity by 40%.

ENERGO NET PROJECT, Nizhny Novgorod, Russia • 2006-2008
Project management firm of 200 employees serving the power-grid development sector.

Telecommunication Engineer / System Administrator
Orchestrated development of all phases of major telecommunications projects for Russian Electricity NET, a high-profile nationwide power-grid development project, directing design, development, and implementation of next-generation fibre-optic and wireless-communication networks. Assessed business needs in consultation with clients and devised technical solutions. Developed and supported data acquisition (DAQ) systems. Supported computer hardware and network hardware and software. Supervised small engineering team.

- Completed 3 large-scale telecommunications projects supporting the grid infrastructure in central Russia.
- Expanded expertise in fibre-optics and telecommunications systems, equipment and technology.

EDUCATION

Master's Degree in Telecommunications and Optical Communication Systems
State Technical University, Nizhny Novgorod, Russia
- Developed an application for a high-frequency structure in a Borland C++ environment while pursuing graduate studies in the Physical and SHF Department.

Degree in Science and Technical Commercialization
Lobachevski State University, Nizhny Novgorod, Russia

Post-Graduate Studies
Institute of Chemistry of High-Purity Substances, Russian Academy of Sciences, Nizhny Novgorod, Russia
- *Developed a system to automate data acquisition extracting optical fibre from chalcogenide glass utilising C / C++, LabVIEW 6.1 / 7.0 and TCP / IP.*

TECHNICAL SKILL HIGHLIGHTS

Operating Systems:
Windows • Linux • Unix • Mac OS • IOS

Languages:
Objective C • ObjC C / C++ / C# • Java • Visual Basic • Eclipse Environment

Technologies:
SEO • Google Analytics • eCommerce • COM • Real-Time QNX Systems • LabVIEW RT • Mac OS X (Cocoa)

Libraries / API:
Cocoa Touch • Win32 • Facebook SDK, Twitter SDK, FMOD sound system

Databases:
MS Access

Program Environments:
X Code 4.3 • Visual Studio • LabVIEW 2011 • Measurement Studio TraceMode • RapidSVN

Networking:
LAN • Win2000 / 2008 Administration • TCP / IP

Hardware:
Digital Analog Acquisition

PUBLICATIONS

O.O. Andreassen, A. Raimondo, D. Kudryavtsev, S. Page, A. Rijllart, E. Zorin, CERN, Geneva, Switzerland, "LHC Magnet Test Benches Controls Renovation," Proceedings of ICALEPCS2011, Grenoble, France, 2011 MOPMS023 pp. 368-370.

B. Cheymol (a,b*), J.B. Lallement (a), A. Lokhovitsky (c), O. Midttun (a), U. Raich (a), F. Roncarolo (a), R. Scrivens (a), E. Zorin (c), "First Results from Beam Measurements at the 3MEV Test Stand for CERN LINAC4," Proceedings of DIPAC2011, Hamburg, Germany MOPD52 p.167-169.
*(a) CERN, Geneva, Switzerland; (b) Université Blaise Pascal, Clermont-Ferrand, France; (c) Joint Institute for Nuclear Research, Russia.

B. Cheymol (a,b*), E. Bravin(a), C. Dutriat (a), A. Lokhovitsky (a), U. Raich (a), F. Roncarolo (a), R. Scrivens (a), E. Zorin (a), "Commissioning of the LINAC4 Ion Source Transverse Emittance Meter," Proceedings of IPAC '10, Kyoto, Japan MOPE053 pp.1092-1094.
*(a) CERN, Geneva, Switzerland; (b) Université Blaise Pascal, Clermont-Ferrand, France.

Yu.A. Teterin (a*), V.I. Nefedov (b), M.F. Churbanov (c), A.Yu. Teterin (b), K.I. Maslakov (a), and E.V. Zorin (c), "X-ray Photoelectron Study of Te–W–O and Te–W–La–O Glasses," *Inorganic Materials*, 2007, Vol. 43, No. 8, pp. 888–896.

E.V. Zorin, M.F. Churbanov, G.E. Snopatin, I.A. Grishin, T.A. Petrova, and V.G. Plotnichenko, "Microinhomogeneities in Tellurite Glasses," *Inorganic Materials*, Vol. 41, No. 7, 2005, pp. 775–778.

PRESENTATIONS

"LEM application: Status and future developments," presented at CERN Linac4 Beam Coordination Committee, Geneva, Switzerland, May 26, 2011.

"LHC Dashboard & the Dashboard Toolkit," presented at CERN LabVIEW RADE Workshop, Geneva, Switzerland, April 1, 2011.

"The LINAC4 Emittance Scanner Application, presented at CERN RADE Workshop, Geneva, Switzerland, May 29, 2009.

"The Future of the Technical Science of Nizhny Novgorod Region," presented at Regional Youth Scientific Forum, Nizhny Novgorod, Russia, May 2002. (Awarded cash prize.)

Skripachev I.V., Zorin Y.V., "The development of the system of data acquisition for automatization of the apparatus for optical fibre extraction from chalcogenide glass," presented at Regional Youth Scientific Forum -- The Future of the Technical Science of Nizhny Novgorod Region, Nizhny Novgorod, Russia, May 14, 2002, p.335.

"Formation of the problem of characteristics calculation of the switchable band-pass filter on the basis of the slotted line," presented at FIST-2001 conference.

Zorin Y.V., Malahov V.A., Manevich P.U., Raevskiy A.S., "About wave spectrum of the slotted line," presented at International Scientific and Technical Conference, Samara 2001, V.1, pp. 220-221.

Zorin Y.V., Malahov V.A., Manevich P.U., Raevskiy A.S., "About band-pass filters on the basis of slotted lines," presented at International Scientific and Technical Conference, Samara 2001, V.1. pp. 129-130.