

Curriculum vitae

Personal Data

Name: Anna Leonova
Address: Chernyshevskogo str., 71-64, 660043 Krasnoyarsk, Russia
Phone: +7 983 284 0725
Marital status: single
Nationality: Russian
Date of birth: 05. May 1991 in Irkutsk, Russia

Education

2013-20016 PhD courses,
Dept. of Computer Engineering,
Institute of Space and Information Technologies,
Siberian Federal University, Krasnoyarsk, Russia
2008-2013 Specialist in Multichannel Telecommunication Systems,
Dept. of Radioelectronic and Telecommunication Systems,
Physical Technical Institute,
Irkutsk State Technical University, Irkutsk, Russia
2008-2012 Translator in the field of professional communication,
Dept. of Applied Linguistic,
Irkutsk State Technical University, Irkutsk, Russia
2001-2008 Secondary school, No. 14, Irkutsk, Russia
1998-2001 Elementary school, No. 14, Irkutsk, Russia

Research Interests Systems-on-Chip, Parallel Computational Systems,
Dataflow Computers, Functional Languages,
High Performance Computing, Digital Signal Processing

Work Experience

2013-2016 Engineer-programmer, Development Department,
Iskra R&D Corporation

2014-2015 Research-engineer,
Research Laboratory of Microprocessor systems,
Dept. of Computer Engineering,
Institute of Space and Information Technologies,
Siberian Federal University, Krasnoyarsk, Russia

Languages

Russian (native language)
English (upper-intermediate)

Computer skills

Operating systems: Linux, Windows
Programming language: Verilog, VHDL, C, C++,
Matlab scripting language, Shell, Perl
Software/hardware development environment:
Xilinx ISE, Xilinx Vivado, Altera Quartus Prime,
Matlab Simulink, ISE System Generator for DSP,
Visual Studio, Qt Creator
Other products: MS Office, Matlab, MathCAD

Achievements

Silver medal in 5th international exhibition of scientific-technical and innovative development "Dimension of the world, man 2015", Barnaul, 2015.

Certificates

The driver software for onboard the spacecraft
(computer program), Certificate of state registration
№ 2015616896, 25.06.2015

Publications

2 International conference papers, 9 journal papers

- Rizhenko I. N., Andreev A. S., Leonova A.V., Komarov A. A., Realization of the reuse principle for the frequency resource on the basis of universal platform satellite modem, communication, Systems and navigation:abstracts, “Radio”, 2015 -355 pp.
- Andreev A.S., Leonova A.V., Benchmark analysis of methods of control subsystem implementation, Applied and Fundamental Studies: Proceedings of the 5th International Academic Conference. April 29–30, 2014, St. Louis, Missouri, USA.
- Leonova A.V., Titovskya T.S. Komarov A.A., An approach to hardware design flow based on functional language Pifagor, Applied and Fundamental Studies: Proceedings of the 5th International Academic Conference. April 29–30, 2014, St. Louis, Missouri, USA.
- Neponyashii O. V., Titovskya T. S., Leonova A.V., Komarov A. A., Formal verification in the design of ultralarge scale integrated circuits, Vestnik of Krasnoyarsk state agrarian University, Krasnoyarsk: publishing house of Krasgau, 2014, № 4.
- Andreev A. S., Leonova A. V., Leonova N.V., Selection of architecture for parallel computing system for the emulator runtime language "Pythagoras, Vestnik of Irkutsk state technical University, Irkutsk: publishing house of ISTU, 2013, № 2.

Hobbies

Hardware development

Snowboarding

Computer games