

Sergey V. Gritsyuk

Contact Information	<p>E-mail: s.gritsyuk@gmail.com Skype: s.gritsyuk ICQ #: 286-179-142 Homepage: http://sergg.name/</p>
Biographical data	<p>Citizenship: Russian Date and place of birth: 17th July 1985, Balakovo, Russia</p>
Interests	<p>Research interests: multi-criteria decision analysis, multi-objective optimization, artificial intelligence, data mining More interests: mobile, web, creativity, innovations, personal development, design, open source, computer graphics</p>
Education	<p>Obninsk Institute for Nuclear Power Engineering – National Nuclear Research University «MEPHI», Obninsk, Russia Postgraduate course in the field of «System analysis, control and data processing» 2007 – 2010. Phd, december 2011. Thesis: «Methods of multi-criteria acceptability analysis and hybrid methods of artificial intelligence in rehabilitation of technologically-radioactively contaminated areas» (russian language).</p> <p>Nonproliferation program by Open World leadership center: Seattle-Richland-Washington DC, USA. Graduate, august 2008.</p> <p>Obninsk State Technical University for Nuclear Power Engineering (INPE), Obninsk, Russia M.Sc. 2002 - 2007. Thesis: «Java technologies appliance to distributed educational and methodical systems development».</p>
Industrial Experience	<ul style="list-style-type: none"> ▪ IT laboratory at Obninsk Institute for Nuclear Power Engineering – National Nuclear Research University «MEPHI» <i>may 2008 - present</i> <i>project manager</i> ▪ IT laboratory at Obninsk State Technical University (INPE) <i>october 2007 – may 2008</i> <i>programmer</i> ▪ IT laboratory at Obninsk State Technical University (INPE) <i>february 2006 - october 2007</i> <i>support</i> ▪ Shareware developer (Amiable Soft) <i>june 2004 - december 2005</i> <i>independed software developer</i>

Honors

- One of the Top50 finalist of the Android Developer Challenge (Mountain View CA, Google, 2008)
- Best speech at “V Kurchatov School“, Moscow, “Kurchatov institute” (2007).
- Gold medal for learning achievements by Obninsk State Technical University (2007).
- RosEnergAtom grant for learning achievements (2007).
- Participation in Quarter final of ACM programming contest among students (2006).
- Participation in Quarter final of ACM programming contest among students (2005).
- Finalist of competition translation (english language) at Obninsk State Technical University (2003).

Scholarship:

- Silver medal for scholarships achievements (2002).
- Participation in Quarter final of ACM programming contest among scholarships (2001).
- Finalist of Balakovo informatics championship (2000-2001)

Main projects

- [d2m2](#) – toolkit for dredging material management
february 2011 – february 2012
As a decision support sub-system developer.
Used technologies – *Java, jSimpleCharts, jSimpleViz*
- [Viziera.com](#) – online creativity tools for ideas generation
october 2010 – present
As project manager, architect, developer.
Used technologies – PHP, Apache, MySQL, CodeIgnitier
- [EduGuide.tv](#) – collection of educational videos
november 2009 – 2010 (frozen)
As a project manager and developer.
Used technologies - PHP, Apache, MySQL, CodeIgnitier
- [CodingAndroid.com](#) – software development studio specializing in high-quality applications (outsourcing and own projects)
september 2008 – present
As co-founder, manager, architect, developer (Android & web).
Used technologies - Android, PHP, Apache, MySQL, CodeIgnitier
- [Beetaun](#) – mobile location based service, Top50 finalists of Google ADC I contest
february 2008 – 2009 (frozen)
As co-founder, manager, architect, Android developer.
Used technologies - Android, Apache, MySQL, Symfony
- [DECERNS](#) – spatial decision support system (ISTC №3549, Federal Program №14.740.11.0360)
october 2006 – present
As a decision support sub-system architect and developer.
Used technologies - JSP, Servlet, JSF, Spring, Applet, Swing, Java2D, jSimpleCharts, jSimpleViz
- [INPE website](#)
june 2008 – present
Project manager, developer.
Used technologies – Drupal, PHP, Apache, MySQL, FreeBSD

- [jSimpleViz visualization library](#)
october 2007 – 2008
As an ideologist, architect, developer.
Used technologies - Java2D, Swing
- [Knowledge testing system](#)
november 2006 – may 2007
As an architect, DB architect, web-developer.
Used technologies - JSP, Servlet, Hibernate, Yahoo UI, Firebird
- [jSimpleCharts graphics library](#)
february 2006 – july 2006
As an ideologist, architect, developer.
Used technologies - Java2D, Swing
- [Departments rating assessment system](#)
september 2005 – june 2006
As an architect, DB architect, web-developer and analysis applet developer.
Used technologies - JSP, Servlet, Applet, BeanShell, Firebird

Technical Skills **English level:** intermediate (enough for professional conversation)

Computer skills:

- Mobile – Google Android;
- Java – JSP, Servlet, Java2D, Swing, Applet, Hibernate;
- Web – HTML, CSS, JavaScript;
- PHP – CodeIgnitier, CakePHP, Symfony;
- Python – web;
- CMS – Wordpress, Drupal;
- Collaboration – DokuWiki, Google services, Mercurial, Subversion, CVS;
- JavaScript – MooTools, Mocha UI, Yahoo UI;
- RDBMS – MySQL, Firebird;
- OS – Android, Windows XP, Windows 7, Windows Vista, Ubuntu Linux, CentOS Linux, FreeBSD.

Conferences,
workshops and
speeches
(most important)

1. The 21st International Conference on Multiple Criteria Decision Making, Jyvaskyla, Finland, 2011.
2. MCDM Pre-Conference seminar, Aalto School of Economics, Helsinki, Finland, 2011.
3. Open World Nonproliferation conference, Spaso-House, Moscow, 2011.
4. VI-th Moscow International Conference on Operations research (ORM2010), MSU, Moscow, 2010.
5. International meeting on DECERNS project at the University of Portsmouth, Portsmouth, UK, 2010.
6. Sony Ericsson meeting, Moscow, 2009.
7. Google Developer Day, Moscow, 2009.
8. 11-th international conference Nuclear Power Safety and Nuclear Education, Obninsk, 2009.
9. The 20th International Conference on Multiple Criteria Decision Making, Chengdu, China, 2009.

10. International workshop on DECERNS project, Obninsk, 2008.
11. Google Developer Day, Moscow, 2008.
12. 4th international Chebyshev conference, Obninsk, 2008.
13. V Kurchatov School, Moscow, Kurchatov institute, 2007.
14. International workshop on DECERNS project, Obninsk, 2007.
15. IV Kurchatov School, Moscow, Kurchatov institute, 2006.

Publications
(most important)

1. Yatsalo B., Gritsyuk S., Mirzeabasov O., Vasilevskaya M. *Uncertainty treatment within multicriteria decision analysis with the use of acceptability concept.* / Big systems management. Moscow. v.32, 2011.
2. Gritsyuk S., Yatsalo B., Afanasev G., Pichugina I. *Monitoring Network Optimization on Radioactively Contaminated Territory with the Use of Multiobjective Genetic Algorithms and Neural Nets.* – Communication of Higher Schools. Nuclear Power Engineering. v.4, 2010. p.91-102.
3. Gritsyuk S., Yatsalo B., Didenko V. *Management of Remediation Measures on Radioactively Contaminated Territories with the use of Multiobjective Optimization.* – Communication of Higher Schools. Nuclear Power Engineering. v.3, 2010. p.55-65.
4. Yatsalo B., Didenko V., Tkachuk A., Gritsyuk S., Mirzeabasov O., Slipenkaya V., Babutski A., Pichugina I., Sullivan T., Linkov I. *Multi-Criteria Spatial Decision Support System DECERNS: Application to Land Use Planning.* - International Journal of Information Systems and Social Change, 1(1), 11-30, 2010.

Total list includes 37 publications

References

[Homepage](#), [CodingAndroid](#), [DECERNS](#), [Boris Yatsalo](#), [Obninsk University](#)