

CURRICULUM VITAE

DENIS V. SMOLIN

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Business Address

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Personal info

Birth date 13/11/74

Education

Ph.D., 2000 – Computer Science, Novosibirsk State University, Russia

M.S., 1996 – CAD Systems, Altai State Technical University, Russia

Professional Experience

2012 – Present Associate Professor, American University in Bosnia and Herzegovina

2009 – 2012 Associate Professor, SITCs, Head of CSC Department, American University of Nigeria, Nigeria, Yola

2000 – 2009 Associate Professor, Information Technologies and Business, Altai State Technical University, Russia

2003 – 2009 – Chief of IT department, Altai Territory Administration, Russia.

2001 – 2003 – Head of Informatics Chair, Altai Department of Moscow State University of Arts, Russia.

1997 – 2001 – Lecturer, Information Systems Department of Altai State Technical University, Russia

1997 – 2001 – Head of Software Developers Group, Altai State Technical University, Russia

1994 – 1997 – Database Programmer, Automobile Company #1243, Barnaul, Russia

Courses Taught

Data Mining

Java Programming,

Systems Analysis

Artificial Intelligence and Decision Making,

Web Programming and Web Technologies,

Design and Analysis of Algorithms,

Algorithms of Optimal Control Theory,

Software Development and Project Management,

Operations Management

Projects, Grants, Honors

- ACM World Cup in Programming. A coach of AUN team. Top-5 in Nigeria, 2011.
- Altai Territory on-line Government, 2003-2009. A network that provides civil services to more than 2.000.000 residents of the territory. Its geographical coverage is more than 500.000 km². Role in the project – the head of IT department. I was responsible for the Information Design, Networking and Technical support.
- Altai Territory Administration (Russia), “Development of Learning Environment (for environmental education)” grant, 2000.

- Russian Ministry of Education, “Siberian Regional Centre for Environmental Education” grant, 1999 - 2001
- European Communities program TEMPUS/TACIS “Environmental Education for Sustainable Development” 1999-2002
- M.S. Diploma with Honor, Altai State Technical University

Special Courses Attended

- Information Systems for Public Administration. Moscow, 2005;
- Electronic Document Management, Russian Academy of Public Service, 2004;
- Applications of Geographical Information Systems, project “Environmental Education for Sustainable Development”, Paris 2002;
- Applications of Geographical Information Systems, project “Environmental Education for Sustainable Development”, Paris 2000;
- Multi-criteria Decision Making. UNESCO International School, Barnaul, Altai State Technical University, 2000;
- Applications of Geographical Information Systems, project “Environmental Education for Sustainable Development”, Thessalonica, Greece, 1999;
- Risk Analysis in Nature Use. UNESCO International School, Barnaul, Altai State Technical University, 1999.

Main Topics of Interest

Data Mining and Decision Making

Applied Systems Analysis

Programming Techniques and Programming Languages

Testing of Knowledge and Skills: Development and Implementation of Tests and Software for Testing

Processing of Medical Data

Tech Skills

Java, C#,

Prolog, LISP

Visual Basic, Object Pascal

SQL

SADT, UML

PUBLICATIONS

Books

Smoline D.V., Lectures in Artificial Intelligence (“FIZMATLIT” – Russian academy of science publishing house, Moscow). 2ed edition (revised). 2008. 264 p.

Smoline D.V., Lectures in Artificial Intelligence. (Moscow, “FIZMATLIT” – Russian academy of science publishing house). 2004. 208 p.

Ready Manuscript: “Simple Examples of Artificial Intelligence”. (in English) Anticipated publication in 2013.

Book chapters

Smolin D., Butakov S., An architecture for Learning Environments Based on Light-Weight Integration of Intelligent Agents. in “Intelligent and adaptive learning systems: technology enhanced support for learners and teachers”. 2011, 29 pages. DOI: 10.4018/978-1-60960-842-2 ISBN13: 9781609608422 ISBN10: 1609608429 EISBN13: 9781609608439

Smolin D., Testing with the Computer: State of the Art, Needs and Perspective. In Advances in Psychology Research, Vol. 87., 2011. pp. 71-76. Nova Science Publishers, Inc. NY. ISBN 978-1-61470-171-2

Journal publications – selected

Smoline, D. V., Some problems of computer-aided testing and interview-like tests, Computers & Education, Vol. 51 (2), 2008. pp. 743-756.

Smoline D.V., An approach to quality evaluation for e-textbooks in the field of language learning for foreigners. Polzunov's anthology, 1999. № 2. pp. 68-73.

Smoline D.V. et al. Principles and methods of learning environment development. The second UNESCO symposium "Environmental education for sustainable development". Barnaul, 1999. pp. 251-262.

Smoline D.V. et al. Evaluation of e-textbook quality in learning environment. The Altai science center of Russian academy of science. 1999. № 2. pp. 77-83.

Conference papers – selected

Butakov S., Smolin S. Integration Platform for Learning Environment. 2013 IEEE International Conference on Advanced Learning Technologies (ICALT 2013). accepted paper

Smolin S., Butakov S. Applying artificial intelligence to the educational data: an example of syllabus quality analysis. Full paper. Learning Analytics and Knowledge Conference. Vancouver, Canada. April 30-May 2, 2012. 10 pages.

Smoline D.V., Butakov S.V. School level information system for syllabus quality management. proceedings of IADIS int. conf. 18-20 March 2010, Porto. Portugal. pp. 425-431

Smoline D.V., Principles of learning environment "Chopin" development. International conference on Environmental decision making. Tomsk State University, 2000. pp. 209-211.

Smoline D.V., Interpretation of multi dimensional data. Conference on information systems in economy. Barnaul, 1999. pp. 76-79.

Smoline D.V. et al. Usage of inhibitor of monoamine oxidase. Medical treatment of children with syndrome of attention deficit. Conference on actual aspects of in-between states. Russian academy of medical science. Tomsk, 1998. pp. 72-75.

Smoline D.V. et al. Usage of some statistical methods for interpretation of medical data for evaluation of children's health. Perinatal impacts. Conference on modern methods in medical diagnostics. Barnaul, 1998. pp. 136-137.

Referees

1. Sergey Butakov, *PhD, CIS, A Associate Professor of Information Systems Security, Concordia University College of Alberta Address: MISAM, Concordia University College of Alberta 7128 Ada Boulevard, Edmonton AB T5B 4E4, Canada Phone: +1 780 413 7821 Fax: +1 780 469 8419, sergey.butakov@concordia.ab.ca*
2. Arthur Ume, Associate Prof. of IT. American University in Nigeria, Yola
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3. Alexander Tskay, *Doctor of Science, Full Professor, Altai Academy of Economy and Law, Barnaul, Russia, taa56@mail.ru. Fax (3852) 24-48-08*

