Curriculum Vitae

Personal Information

Name: **Vitaly**	Surname: **Kompaniets**
Nationality: **Russian**	Marital Status: **married**
Home Phone No.: **no**	Mobile Phone No.: **+79043461168**

Date of Birth (DD.MM.YYYY): **15.10.1974**

E-mail: **vitaly.kompaniets@gmail.com, kompaniets@sfedu.ru**

Children: **son Matwey, daughters Emilya and Aleksandra**

Home Address: **126-1 Krasny pereulok, Taganrog, Russia, 347900**

Desirable Professional Field:
Assistant Professor in Computer Science / Computer Engineering

Keywords: **Software Engineering (SW Process, SQA, etc.)**

Education History

University / Department	Period MM.YYYY to MM.YYYY	Major * Key word, accurately	Degree	Graduation Year MM.YYYY	Thesis
Rostov State University /South Russia Regional Center of Informatization; Taranrog State Radiotechnical University	09.1998 to 08.2001	«Mathematical modeling, numerical methods and software complex» *Keywords:* simulation modeling, nonlinear differential equations, human's circadian cycles (biorhythms), hygienic classification of working conditions, interactive computer program	*Ph.D. (in Technical)*	12.2001	«Development of the method and software complex for individual professional risk evaluation»
Taranrog State Radiotechnical University /Department of Software Engineering	09.1991 to 06.1996	«Software of computing machinery and computer-based systems» *Keywords:* multitudes theory, graph theory, mathematical logic, algorithm theory, modern programming means, operation systems etc.	*Software Engineer*	05.1996	«Informational system of work condition evaluation»
Southern Federal University	10.2011 to 12.2011	Advanced training course: «New informational technology in educational activities». *Keywords:* SFedU Digital Campus, E-Leaning	*Certificate*	12.2011	-
Bern University (Switzerland) /Zentrum Lehre	10.2009	Workshop «Univesitatsmanagement» *Keywords:* Bologna Declaration, Switzerland higher education system, quality management system	*Certificate*	10.2009	-
HAN University (Netherlands)/Arnhem Business School (ABS)	06.2009	Workshop «Problem based approach in teaching of specialty courses in European Universities». *Keywords:* HR&QM in ABS, simulation games, theater sport	*Certificate*	06.2009	-

Education History

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Southern Federal University /Taganrog Institute of Technology	11.2008 to 04.2009	Additional training course «English language for professional purpose»	*Certificate*	04.2009	-
Psychological Integration Institute «Balance» (Nurnberg, Germany)	02.2009	Advanced training course. *Keywords:* Applied computer science in psychology	*Certificate*	02.2009	-
International Scientific Center of Human Ecology "NICKAR" (Moscow)	08.2008	Workshop «Video-computer system of psycho-diagnostics and psycho-correction». *Keywords:* Anuashvili method*,* biofeedback, centerline tracing, interaction graphic display program	*Certificate*	08.2008	-
Research Institute of Psychotechnology (Moscow)	07.2008	Advanced training course «Computer analyze of psychosemantic». *Keywords:* IS MindReader, unconscious sensed method, masked signal, polygraph, lie detector	*Certificate*	07.2008	-
HAN University (Netherlands)/Arnhem Business School	12.2007	Advanced training course «Problem based approach in teaching of specialty courses in European Universities». *Keywords*: European Credit Transfer System, masters program developing, E-Learning, applied information system in scientific and educational activity	*Certificate*	12.2007	-

Professional Experience (Job Career)

Total years of experience	19

Organization	Period MM.YYYY to MM.YYYY	Position	Describe your responsibilities including role in detail
Southern Federal University /Institute of Computer technologies and information safety, Dept. of Psychology and Existence Safety	12.2015 to Now	Chief of Master`s Program «Ergodesign and technology of the UI»	− Planning and organization of educational process, content and quality control subjects taught
Southern Federal University /Institute of Computer technologies and information safety, Dept. of Psychology and Existence Safety	09.2004 to 2016	Chief of Program «Applied computer science in psychology»	− Planning and organization of educational process, content and quality control subjects taught. − In cooperation with the Department's Head developing of the Program strategic and tactical plans. − The confirmation of staff, the distribution of workload and control, and other types of work. − University and department's programs promotion, students recruiting. − Active participation in developing of the new Basic Educational Programs «Applied computer science» (bachelor and master level), including study plans, all syllabi, programs of practical training and academic progress assessment (current and overall) − The program «Applied Computer Science» has the following characteristics:

			BACHELOR OF APPLIED COMPUTER SCIENCE graduate's training provides a significant amount of time for basic training and development of computer sciences applications, mathematics and cybernetics in humanitarian and social fields, in an amount sufficient to solve specific problems in these areas by means of computer methods. Graduate-Bachelor in his (her) work analyzes, forecasts, models and provides information processes and technologies in frames of professionally-oriented information systems. MASTER OF APPLIED COMPUTER SCIENCE Goal: professional and psycho-pedagogical training of graduates who have developed interpersonal, general and special competence at a level sufficient both for the solutions in the subject area of professional and pedagogical science tasks, and for new (innovative) activities searching and introduction in the subject area. Program Profile: Interdisciplinary, engineering and psychological. Program concept: the basic idea of the program is to assist students to achieve the statement of a logical and figurative thinking equivalent by means of the educational system, which enables the preparation of specialists capable for integrating their activities in science and human knowledge, able to have a systemic vision of the hierarchical cross-linkages in the field of psychology and computer science as the science of information exchange in all environments, as well as major problems essence understanding of an effective professional activity organization and implementation.
Taranrog State Radiotechnical University (Now named Southern Federal University - SFedU), Dept. of Psychology and Existence Safety	09.2002 to Now	Associate Professor	− Planning, organization and control of educational and methodical work on the subjects: «Informational Systems Design» (2002-Now), «Informational Systems» (2002-Now), «Data Bases» (2002-Now), «Applied Tasks in Psychology Software» (2012), «Methodology and technologies of automated informational systems design» (2012), «Informatics and Software Engineering High Level Methods» (2002-2008); − Developing and delivering lectures; carrying out all kinds of educational activities, including practical, laboratory, seminars, consultations, tests, exams; organizing and controlling the independent work of students, guiding practitioners, current and intermediate students certification, course work, graduation qualifying students projects supervising; − Developing and maintaining a teaching support, including textbooks and training manuals on subjects taught; − Research work (area of interests: Engineering and Psychological Support of Applied Informational System, Applied Synergy, Synergistic Methods of Safety Management) - now has more than 50 publications − Guiding of students research work, motivating and engaging them in studies on the department, organizing and assisting in student conferences and scientific societies, etc
Taganrog Management and Economics Institute	09.2002 to 06.2005	Associate Professor (part time)	− Creating Syllabi and workbooks, delivering lectures «System Analyze», «Research of Management Systems» (2002-2005).
Taranrog State Radiotechnical University, Dept. of Psychology and Existence Safety	09.2001 to 06.2002	Lecturer	− Delivering lectures (2001 to Now) and practical works «Safety of Existence», laboratory works «Design of Informational Systems» (2001-2009), «Informational Systems» (2001-2009). Participating in a few projects connected with software development and psychology
Taranrog State Radiotechnical University, Dept. of Psychology and Existence Safety	07.1997 to 08.2001	Assistant Lecturer	− Delivering practical works «Safety of Existence» (1997 to Now); − Working at dissertation (under Dr. of Eng. Sc., Prof. Vladimir Bozhich supervision)
Taranrog State Radiotechnical University, Dept. of Psychology and Existence Safety	05.1996 to 06.1997	Software Engineer	− Software developing and maintenance, consulting, computers class LAN management. − Practical Experience: DBMS Clarion, Turbo Pascal 6.0, MS Office etc.

Research & Development Project

Organization (Univ. or Company)	Period MM.YYYY to MM.YYYY	Subject / Title	Describe your responsibilities including role in detail
TIT SFedU /Economics Dept. & Dept. of Psychology and Existence Safety	09.2005 to Now	Engineering and psychological support of information systems	− Active participation in the creation, use, accompanied by specialized software for solving problems of regional and municipal socio-economic development. Developed information system «InfORMO» as part of a project at the exhibition «Global Education – 2008» (Moscow) was awarded the diploma of the winner
TIT SFedU	06.2009	Workshop «Problem based approach in teaching of specialty courses in European Universities»	− Workshop program developing; − Obtaining consent and organizing of foreign colleagues participation: Joop Vinke (from Arnhem Business School of HAN University, Netherlands) and Loredana Orhei (from West Timisoara University, Romania), including Russian visa, arrival and stay support. − The workshop was attended by 22 teachers and 24 students of TIT SFedU; − Foreign colleagues have been lectures, masterclasses and four rounds of business simulation game «Human Resource Management»; − Also was signed cooperation agreement (providing expansion of exchange programs, joint research, etc.) with the HAN University Business School and Dept. of Psychology and Existence Safety.
TIT SFedU /Dept. of Psychology and Existence Safety	09.2007 to 12.2008	The Department facilities and equipment modernization	− Requirements analyzing and planning, cost accounting, developing of tender documentation; − Vendors talking; − As a result purchased more 60 computers, software (environments and tools) and unique educational and scientific equipment for more than 100 thousand USD (complex of psycho-semantical analysis «Mind Reader», Kirlian effect complex of gas-discharge visualization «EGOSKOP», rehabilitation psychophysiological biofeedback system «REACOR» with vibro-acoustic sensory chair, electroencephalograph-recorder «ENCEPHALAN-EEGR-19/26», Psychophysiological testing system «PSYCHOPHYSIOLOG», complex of cardiopulmonary resuscitation training Resusci Anne Skillguide, desktop publishing, etc.)

Winning Awards / Grants / Prizes / Scholarships

Month and Year of Winning	Place / Detail	Title
05.2008	Moscow, the exhibition «Global Education – 2008»	Information and methodological tools for interactive laboratory works on block courses "Management in economic systems" (Information system «InfORMO» as part of a project) was awarded the diploma of the winner
12.2003	Moscow, Ministry of Education and Science of the Russian Federation	Academic title «Associate Professor»

(Most Relevant) Publications

Title	Journal / Proceedings Ex) Journal of Appl. Phys., Vol. 2, p100~110, 2006
Information support of human life in the working environment	Proceedings of the International Scientific Symposium «Nature and Man: cooperation and security life activity» - Taganrog TSURE, p.52-53, 1996

Information system analysis and assessment of working conditions	III All-Russian scientific conference of students and graduate students «Technical cybernetics, electronics and control systems» - Taganrog TSURE, p.280, 1996
The use of an automated information system for the analysis of the labor intensity of the process	Proceedings TSURE, Thematic issue of «Medical Information Systems» - Taganrog TSURE., Vol. 4 (10), p.60, 1998
Information technology analysis and assessment of occupational safety	IV All-Russian Student Scientific and practical conference with international participation «Safety -99». - Irkutsk: Irkutsk State Technical University., Vol. 3, p.15-17, 1999
Neural network classification method of occupational risk	II All-Russian Conference of Young Scientists and graduate students «New information technologies. The development and the application» - Taganrog TSURE,.p.26-28, 1999
The application of neurocomputing model for occupational safety managing	All-Russian scientific conference with international participation «Computer technologies in engineering and management» - Taganrog TSURE, p.452 – 453, 2000
Development and research of a mathematical model of energy metabolism in the human body to solve the problem of occupational individual risk assessment	Electronic Journal «Investigated in Russia», Vol. 103, p.1133-1144, 2001. http://zhurnal.ape.relarn.ru/articles/2001/103.pdf
Possibility of individual professional risk evaluation by means of simulation	Artificial Intelligence Systems, 2002. (ICAIS 2002). 2002 IEEE International Conference, p.272, 2002 http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1048111
The electronic version of the Psychology and Education journal	All-Russian Scientific and Technical Conference «Medical Information System» /Proceedings TSURE. - Taganrog: TSURE, 2004. Vol. 6, p. 220-224, 2004
Application of the cluster analysis methods in the research of large municipalities	Proceedings TSURE. Thematic issue «Systems analysis in economics and management». - Taganrog: TSURE,. – Vol. 17 (72), p. 3-17, 2006
The Resources of Cross-browser cross-platform multimedia applications in training systems and systems of psychological testing and diagnostics	Proceedings of scientific conference «Modern Information Technologies in Education: Southern Federal District» - Rostov-on-Don: YUGINFO SFedU, p.35-36, 2007
The research experience of cluster analysis methods of the package Statistica 6.0 for a sample of selected cities	Proceedings SfedU: Engineering Science. Vol. 3 (92), p.103-110, 2009
Academic mobility development in the Southern Federal University	Proceedings of the International Scientific Conference «Advanced innovations in science, education, manufacturing and transport '2010», Odessa, 2010 http://www.sworld.com.ua/konfer19/169.htm
Switzerland education system modernization in the context of European integration process	Proceedings TIT SfedU: Special Issue «Psychology and Pedagogy» - Taganrog, Vol. 1., p. 10-20, 2009
Work practices program (guidance)	Guidelines for students majoring Applied Computer Science in Psychology. – Taganrog: TIT SfedU, 2010. – 20 p.
Simulation model for individual professional risk evaluating: scientific monograph	Saarbrucken, Germany: LAP Lambert Academic Publishing GmbH & Co. KG, Nov. 2011, ISBN: 978-3-8465-9835-1 – 168 p.
Personality self-development: diagnostic computer system	Saarbrucken, Germany: LAP Lambert Academic Publishing GmbH & Co. KG, Fev. 2012, ISBN: 978-3-8473-7892-1– 196 p.
Operator activity experimental research: computer support system development	Saarbrucken, Germany: LAP Lambert Academic Publishing GmbH & Co. KG, March. 2012, ISBN: 978-3-8484-0866-5 – 106 p.
Professional creativity: information and diagnostic computer system	Saarbrucken, Germany: LAP Lambert Academic Publishing GmbH & Co. KG, March. 2012, ISBN: 978-3-8484-1224-2– 172 p.
Computer system «Workshop on Experimental Psychology»	Saarbrucken, Germany: LAP Lambert Academic Publishing GmbH & Co. KG, Jun. 2012, ISBN: 978-3-659-15928-2– 120 p.
Final qualifying work (guidelines for organization, implementation and execution)	Guidelines for students majoring Applied Computer Science in Psychology. - Taganrog: TIT SfedU, 2012. – 40 p.
Socio-economical municipalities' status estimation: interactive practical work	Research Bulletin SWorld «Modern scientific research and their practical application» ISSN 2227-6920. Vol. J21206, p.12-28, 2012 http://www.sworld.com.ua/e-journal/J21206.pdf
Computer system «Workshop on Experimental Psychology»	Science Week - 2012: Proceedings of the scientific work. - Taganrog: TIT SfedU, 2012. - 469 p. - p. 294-297
Information system «Child intellectual development diagnostics in terms of psychological counseling»	Science Week - 2012: Proceedings of the scientific work. - Taganrog: TIT SfedU, 2012. - 469 p. - p. 305-307

Socio-Economical Municipalities' Status Estimation: Method, Software and Application in the High School Educational Process	World Applied Sciences Journal 26 (1): 83-88, 2013, ISSN 1818-4952 DOI: 10.5829/idosi.wasj.2013.26.01.1338 http://www.idosi.org/wasj/wasj26(1)13/14.pdf
Student's academic anxiety: diagnosis and correction by means of computer system	Saarbrücken, Deutschland: OmniScriptum GmbH & Co. KG, Nov. 2013, ISBN: 978-3-659-49906-7
On the application of information-diagnostic system "Chart 2020" in the cabinet of vision correction	Modern scientific research and their practical application, edited by Alexandr G. Shibaev, Alexandra D. Markova.Vol.J21310 (Kupriyenko SV, Odessa, 2013)
Factors, impeding the innovative capacity development of the Russian federation	Modern scientific research and their practical application, edited by Shibaev Alexandr, Markova Alexandra. Vol.J21417 (Kupriyenko SV, Odessa, 2014)
Dynamics and Trends of Russian Cloud Computing Market	SWorld Journal , Vol.J11517 (Scientific world, Ivanovo, 2015) SWorldJournal. 2015. T. 17. № 1 (8). C. 82-87
Personality Profiles of Young People-Potential Entrepreneurs	Mediterranean Journal of Social Sciences, [S.l.], v. 6, n. 3 S2, pp. 640-649, May, 2015. ISSN 2039-2117
Factors and antagonisms of development of innovative potential of high-technology lines of industry of Russia in globalization conditions	ARPN Journal of Engineering and Applied Sciences. Vol. 10, Issue 10, 2015, p. 4571-4582

Patents

Subject Ex) Title	Applied No./Date Ex) RU ********/2006.01.Jan.	Registered No./Date Ex) RU ********/2006.01.Jul.
Official registration Certificate of computer program «Information support of complex social and economic municipalities development (IS InfORMO 1.0)» Authors: Borovskaya M.A., Kagramanyants V.A., Kazanskaya A.Y., Kompaniets V.S.	RU 2006612814/2006.09.Aug	RU 2006612024/2006.19.Jun.
Official registration Certificate of computer program «Operator's task Imitator». Authors: Lyz` A.A., Lyz` D.A., Kompaniets V.S.	RU 2014664099/2014.12.Dec	RU 2015612842/2015.26.Fev.