

ANTON KOLONIN

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OBJECTIVE: Leading analysis, design and development of distributed AI applications.

SKILLS SUMMARY

LANGUAGES:

Java, Python, C++, C, C#, SQL, UML, XML, HTML/DHTML/CSS, Visual Basic, JavaScript, PHP, Lisp, Gupta SQL-Windows, Transact-SQL, PL-SQL, Pascal, Dbase, FoxBase, Clipper, Clarion, COBOL, Fortran, Assembler, Conversagent BuddyScript, Perl, PHP.

SOFTWARE:

JDK, Microsoft Visual Studio, GCC/G++, Sun Forte Workshop, Borland C/C++, Watcom C++, InstallSHIELD, Gupta SQL-Windows, ER-Win, Rational Rose, Bachman CASE, Microsoft Office, Visio Drawing, Together J, Conversagent, Apache HTTPD, Tomcat, IIS, Verity K2, Visual Cafe, JBuilder, Kawa, Eclipse, Visual Source Safe, SVN, CVS, GIT, Allegro Lisp, Drupal, Link Grammar.

TECHNOLOGIES/PROTOCOLS:

TCP/IP, SMTP, HTTP, CGI, RMI, XML DOM/SAX, ODBC/JDBC, Ajax, ActiveX/COM/DCOM, DirectX, SmartHeap, STL, MFC, WIN32, J2EE, Java 3D, ASIO, Windows Mobile, Android, JQuery, Amazon Cloud, Google Cloud

DATABASE:

Oracle SQL Server, MS/SQL Server, MySQL, Postgre SQL, Interbase SQL Server, C-Tree, Btrieve, Allegro Cache OODB, MongoDB

OS:

WINDOWS 95/98/2000/NT/XP/CE/Mobile, UNIX (Linux, Solaris, FreeBSD, AIX, Android, Mac OS X, RHEL/CentOS, Ubuntu)

OTHER:

OOA/OOD, data/signal processing, 2D/3D graphics, mobile technologies, artificial intelligence, pattern recognition, data mining, machine learning, natural language processing, genetic programming, neural nets, business/financial accounting, native Russian, fluent spoken English, remote communication skills and experience.

EXPERIENCE:

Russian International Affairs Council <https://russiangouncil.ru> **Oct/2018 – Current**

Freelance expert

- Participation in expert sessions dedicated to solving the challenge of humanity to survive the existential risks and possible misuse of increasingly powerful technologies, including genetic engineering, nanotechnology, robotics and artificial intelligence.

Lifeboat Foundation <https://lifeboat.com> **Jan/2018 – Current**

Member of the Advisory Board

- Preparation of reviews and analytical articles, participation in expert sessions on the topics of artificial and collective intelligence.

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Novosibirsk State University, RU <https://www.nsu.ru> **Sep/2018 – Current**

Senior Lecturer at Chair of Computing Systems, MMD, NSU

- Course description: «Application aspects of social data processing» («Social intelligence technologies» or «Social computing»).

Aigents

<http://aigents.com>

May/2014 – Current

Founder / CTO / Product Owner

- Management of research, development, marketing and business activities for privately owned project – creation of distributed semantic web search and social knowledge sharing platform.
 - Invention, design and development of architecture and technology of distributed multi-agent system for text analysis and extraction and distribution of structured information on the internet — based on semantic analysis and machine learning algorithms.
 - Creation of software agents (server, client and peer-to-peer components) for Mac OS X, Windows, Linux, Android and Web platforms as an open source <https://github.com/aigents> project.
 - Development of IT infrastructure and management of it including deployment of «cloud» clusters, security audit and data protection setup.
 - Preparation of papers, white-papers and presentations, execution of demonstrations and show sessions on conferences and via youtube.com.

Java, Android, JavaScript/JQuery, Windows/MacOS/Android/Linux environments.

Russian-speaking community of Artificial General Intelligence developers

<https://agirussia.org/>

Aug/2013 – Current

Founding member

- Organizing discussions, round tables, weekly seminars and webinars on the topic of strong and general artificial intelligence in the international community in Russian.

Tornado Modular Systems, Siberian Generating Company

<https://tornado.nsk.ru/>

Nov/2022 – Current

System Architect

- Development of architecture and management of software development for automated process control systems applicable to energetics and thermal energetics.
 - Reverse engineering of the legacy architecture of the APCS solution
 - Development of a new architecture of the APCS solution taking into account the requirements for import substitution of software for critical infrastructure facilities
 - Development of architectures of human-machine interface systems, a common data bus, virtual controllers and a configuration management system
 - Formation of a team of developers, setting up and building development and testing processes
 - Management of a software development department from several teams of developers and testers

SingularityDAO, Caiman Islands

<https://singularitydao.ai>

Jan/2021 – Nov/2022

Artificial Intelligence and Blockchain Architect

- Leading a research project on predictive analytics and automation of active investment portfolio management in the field of digital finance. Development of architecture, specifications, roadmap management, leading a team of 5 people.

Python, Java, AI/ML, MySQL, Snowflake DB, Linux environment.

SingularityNET, Netherlands

<https://singularitynet.io>

Jul/2017 – Jan/2021

Artificial Intelligence and Blockchain Architect

- Leading project for “Unsupervised Language Learning” targeting reconstruction of formal grammars and ontologies from unannotated text corpora using various artificial intelligence techniques as open source framework <https://github.com/singnet/language-learning>.
 - Leading project for “Reputation Systems” targeting creation of an open-source reputation computation platform <https://github.com/singnet/reputation> applied to online marketplaces for scam prevention and to blockchains for reliable consensus solution.

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- Development of architecture, specifications, roadmap management, simultaneous management of two teams of 4 people each.

Python, Java, Link Grammar, Linux environment.

Sberbank-Techologies <https://sber-tech.com/> **Apr/2016 – Jul/2017**

Manager of Software Development

- Development of the software for automation of internal processes in banking business.

Java, Java Spring, JavaScript, Oracle, XML/WSDL, Windows environment.

Novel Software Systems <http://nprog.ru/> **Mar/2015 – Mar/2016**

Software Engineer

- Development of client side and server side parts of graphical framework for visualization of bio-medical data.
- Development of client side and server side parts of text searching framework for handling bio-medical data.

Java, Java Spring, JavaScript, Java Server Pages, Oracle, JSON/REST, CentOS Linux environment.

ZdorovieOnline, RU <http://zdorovieonline.ru> **Feb/2012 – May/2014**

CTO / Project Manager

- Management of the development process and all technical aspects of company operations, 5 reports.
- Research activities, architectural analysis and design of public online healthcare product implemented as cloud service.

PHP, MySQL, JavaScript, Amazon EC2/S3, CentOS Linux environments.

Quest Software, US <http://quest.com> **Sep/2009 – Feb/2012**

Software Development Manager / Product Lead

- Management of the Russian branch of international software company, 12 direct reports.
- Management of the FastRecover product development for enterprise-level Data Protection and Disaster Recovery, involving coordination of multiple development and QA sites, 25 direct and indirect reports.

Microsoft Visual Studio C/C++, GCC/G++, JavaScript, PHP in Windows 32/64-bits and CentOS/RHEL Linux environments.

Academsoft, Russia <http://navitel.su> **Feb/2009 - Sep/2009**

Developer

- Invention and development of algorithms and software for structural and textural optimization of 3D models for computer graphics.
- Porting of geo-positioning software from Win32/WinCE to Linux environments.

Microsoft Visual Studio C/C++, GCC/G++, SDL, OpenGL, J2EE, SVN, 3DSMax, Deep Exploration, in Win32/WinCE and Kubuntu Linux environments.

Positive Solutions, Russia <http://www.gigafone.com> **Feb/2008 - Feb/2009**

Project Manager

- Managing development and delivery of mobile client-server platform, coordinating the Product Management, Design, Development, Deployment and Support within distributed team of five international subsidiaries in Russia, China, Taiwan and Singapore (several subordinate project/product managers and tens of people).

Symbian C, Windows Mobile C#, J2EE, WebLogic, Apache, Microsoft Office/Project, SVN/CVS, in Windows and Linux environments.

IT Solutions, Russia <http://itso.ru> **Apr/2005 - Feb/2008**

Lead Architect/Developer

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- Design and development of text and data mining solutions and server backend text mining web service for medical industry in US, in a distributed international team building integrated content management system.
- Design and development of web interface and middleware layer (extension of Apache and IIS web servers) for cross-platform HR automation system widely used in England, involving legacy code reengineering and implementation of custom Ajax framework for Internet Explorer, Mozilla/Netscape and Safari browsers. Leading team of two people.
- Design and development of SpaceWork - software 3-D graphics system for different types of scientific, geological and geophysical data visualization in a distributed web environment, constrained with limited Java API supported by web browsers (<http://itso.ru>).

Lisp, Java, Postgre SQL, C/C++, C-Tree, JavaScript, DOM, Ajax, Apache HTTPD, IIS API, SMTP, TCP/IP, CVS, SVN in Windows and Linux environments.

EPAM Systems, US <http://www.epam.com> **Nov/2001 - Apr/2005**

Lead Analyst/Engineer, Team Leader, Product Manager

- Design and development of conversational (chat bot) interface for Knova knowledge management (text and associative search) architecture.
- Design and development of text mining and information retrieval (classification and entity extraction) toolkit for Reuters.
- Specification, design and leading development of the text and data mining framework - Knowledge Discovery Engine (integrated framework for interactive and automatic knowledge acquisition from the corporate content) for Knova.
- Research, analysis, design and development of Cognitive Processor -- kernel component of knowledge server used in integrated knowledge management and semantic search architecture for ServiceWare (<http://www.serviceware.com>) and then Knova (<http://www.knova.com>), involving development of portable multithreading and internationalization API layers (wrapper upon Win32 and Unix/Posix APIs).

C/C++, Java, C#, JNI, XML, Microsoft Visual Studio, Win32, GCC/G++, Sun/Forte Workshop, Conversagent BuddyScript, Source Safe, Verity, Inxight, Tomcat, Apache and IIS Web Servers, MS SQL Server and Oracle in Windows 2000/NT, AIX and Solaris environments.

ServiceWare Inc., US <http://www.serviceware.com> **Apr/2001 - Oct/2001**

Software Developer

- Research, analysis, design and development of Cognitive Processor -- kernel component of knowledge server used in integrated knowledge management and semantic search architecture, involving development of portable multithreading and internationalization API layers (wrapper upon Win32 and Unix/Posix APIs).

C/C++, Java, C#, JNI, XML, Microsoft Visual Studio, Win32, GCC/G++, Sun/Forte Workshop, in Windows 2000/NT, AIX and Solaris environments.

Intelligenesis Inc, then Webmind Inc., US **Mar/1999 – Apr/2001**

Senior Research Engineer, Team Leader

- Analysis, design and development of different components of distributed artificial intelligence system intended for search, classification, information retrieval, text and data mining - using artificial intelligence technologies. Leading team of two people.

Java, UML, RMI, Java Swing, Java Mail, Java 3D, Objectspace JGL, HTML, XML, CVS, Together J, Visio Drawing, Microsoft Office in Linux and Windows 98/2000/NT environments.

ProPro Group, Russia <http://propro.ru> **Dec/1997 – Mar/1999**

Software Analyst/Engineer, Team Leader

- Design and development of all components of a 3-tier trading back-office automation system for RTS (<http://www.rts.ru>). Designed and developed object-relational mapping system engine with embedded proper language ORL (<http://www.webstructor.net/docs/orl/index.html>) interpreter and processor for GUI forms and queries. Leading team of two people.

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- Design and development of motion tracking (dynamic pattern recognition) algorithm and software intended to capture motion of selected objects with real-time streamed video data, involving algorithmic optimization of floating point calculations
- Design and development of Visual Knowledge Management and Distributed Knowledge Sharing Environment - peer-to-peer distributed system for knowledge input and visualization. Entire system consists of loosely connected servlets, applets, client, server and peer-to-peer applications maintaining distributed semantic net of knowledge (<http://www.webstructor.net/>).

C++, SQL, UML, Visual Basic, MFC, WIN32 SDK, ODBC, COM, DCOM, ActiveX, OLE, RMI, MS SQL Server, Java, Sun JDK, JDBC, TCP/IP, CGI, Servlets, HTML, LISP, Visual Cafe, Kawa, Rational Rose, ERWin, Visio Drawing, Microsoft Office in Windows 95/98/NT environment.

CTC Company, Russia **Sep/1993 – Nov/1997**

Software Analyst/Engineer, Product Manager, Project Manager

- Design and development of multimedia educational program for kids to let them learn mathematics by watching interactive movies and solving drills. Leading team of two people.
- Design and development of scaleable business financial and production accounting system for complete financial and production accounting for small businesses. System includes inventory, payroll, accounting, general ledger, etc. with customizable account charts, forms, dictionaries and report writer. Leading team of two people.
- Design and development of interactive visual programming system - to let people organize and process information visually and easily having no programming background. System includes data modeling, flexible database, spreadsheet and report-writing features.
- Design and development of 3-tier distributed transactions processing (telecommunication, billing) system for cashless plastic card payments processing. Leading team of 4 people.
- Design and development of modem driver software for robust communication in low signal/noise environments.
- Design and development of tape storage driver software.
- Design and development of series of keyboard drivers (for MS DOS) for different software localization and accessibility improvements.

C, C++, Java, Assembler, SQL, HTML, UML, Dbase, FoxBase, Clipper, Clarion, WIN32 SDK, JDK, JDBC/ODBC, OLE/COM/ActiveX, DirectX, TCP/IP, Visual Cafe, Watcom C++, Borland C/C++, InstallSHIELD, MS/SQL Server, Interbase, Btrieve in Windows 95/98 environment.

BEZ Systems, US **<http://www.bez.com/>** **Mar/1993 – Sep/1993**

Software Engineer

- Design and development of converting tool taking input from internal files of different CASE tools, COBOL/SQL or raw SQL DDL/DML files, scanning/parsing them, building an application model in memory and storing the model into internal data format. Includes formal input/output formal syntax specifications processing engine and PROLOG/SQL-alike rule-based translator.

C, SQL, COBOL, Gupta SQL-Windows, Bachman CASE, in Windows 95/98 and OS/2 environments.

Chita Polytechnic Institute, Zabaikalsky Complex Institute **Aug/1987 – Mar/1993**

Senior Research Staff, Senior Lecturer

- Design and development of OS-level support for virtual graphics system under MS DOS, including virtual memory management and file I/O operation layers
- Invention of geophysical numeric data processing and analysis algorithms using computer tomography principles, design and development of Geotomo - geophysical tomography data processing system (<http://itso.ru>), involving algorithmic optimization of floating point calculations at CPU instructions (Intel 8086 Assembler) level
- Invention of optical character recognition algorithm, design and development of optical character recognition software

C, Pascal, FORTRAN in MS DOS and DEC environments.

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EDUCATION:

- Ph.D. in Computer Science (Computer Tomography), Institute of Mathematics, Siberian Branch of Russian Academy of Science (1997 - 1998)
- Honored BS in Geophysics, S-Petersburg Mining Institute, Russia (1982-1987)

PUBLICATIONS (67):

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57021892200>

33 publications, 77 citations, h-index: 6

Arxiv: <https://arxiv.org/search/?query=anton+kolonin&searchtype=author&source=header>

26 publications

1. Kolonin A., "Evolution of Efficient Symbolic Communication Codes", *Studies in Computational Intelligence*, 2023, 1120, pp. 3–12
2. Kolonin A., "Self-tuning Hyper-parameters for Unsupervised Cross-lingual Tokenization," *2023 IEEE XVI International Scientific and Technical Conference Actual Problems of Electronic Instrument Engineering (APEIE)*, Novosibirsk, Russian Federation, 2023, pp. 1430-1435, doi: 10.1109/APEIE59731.2023.10347856.
3. Kolonin A. , et.al., "Adaptive Predictive Portfolio Management Agent", Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2023, 13921 LNCS, pp. 187–196
4. Raheman A., Kolonin A., et.al. "Adaptive Multi-strategy Market-Making Agent for Volatile Markets", Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2023, 13539 LNAI, pp. 250–259
5. Vityaev E., Kolonin A., Kurpatov A., Molchanov A., "Brain Principles Programming", Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2023, 13539 LNAI, pp. 424–433
6. Kolonin A., "Causal Analysis of Generic Time Series Data Applied for Market Prediction", Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2023, 13539 LNAI, pp. 30–39
7. Vityaev E. , Kolonin A. , Kurpatov A. , Molchanov A., "Brain Principles Programming", *Doklady Mathematics.*, 2022, 106, pp. S101–S112
8. Kolonin A. , Ramesh V., "Unsupervised Tokenization Learning", *Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing, EMNLP 2022*, 2022, pp. 3649–3664
9. Kolonin A. , Kurpatov A. , Molchanov A. , Averyanov G., "Cognitive Architecture for Decision-Making Based on Brain Principles Programming", *Procedia Computer Science*, 2022, 213(C), pp. 180–189
10. Samsonovich A. , Shumsky S., Karpov V., Kotov A., Kolonin A., "Key Advanced Research Initiative: A Manifesto for the New-Generation Artificial Intelligence", *Procedia Computer Science*, 2022, 213(C), pp. 824–831
11. Saxena A, Kolonin A, "Application of Liquid Rank Reputation System for Content Recommendation", *Proceedings - 2022 Ural Symposium on Biomedical Engineering, Radioelectronics and Information Technology, USBEREIT 2022*, 2022, pp. 196–199
12. Kolonin A., "Neuro-Symbolic Architecture for Experiential Learning in Discrete and Functional Environments", In: Goertzel, B., Iklé, M., Potapov, A. (eds) *Artificial General Intelligence. AGI 2021. Lecture Notes in Computer Science()*, vol 13154. Springer, Cham. 2022 https://doi.org/10.1007/978-3-030-93758-4_12
13. Rathore, R.K., Kolonin, A., "Explorative Study of Explainable Artificial Intelligence Techniques for Sentiment Analysis Applied for English Language", In: Dua, M., Jain, A.K., Yadav, A., Kumar, N., Siarry, P. (eds) *Proceedings of the International Conference on Paradigms of Communication, Computing and Data Sciences. Algorithms for Intelligent Systems*. Springer, Singapore. 2022 https://doi.org/10.1007/978-981-16-5747-4_73

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14. Ramesh, V., Kolonin, A. “Unsupervised Context-Driven Question Answering Based on Link Grammar”, In: Goertzel, B., Iklé, M., Potapov, A. (eds) Artificial General Intelligence. AGI 2021. Lecture Notes in Computer Science(), vol 13154. Springer, Cham. 2022 https://doi.org/10.1007/978-3-030-93758-4_22
15. Aluko O., Kolonin A., “Proof-of-Reputation: An Alternative Consensus Mechanism for Blockchain Systems”, International Journal of Network Security & Its Applications (IJNSA) Vol.13, No. 4., July 2021, <https://aircconline.com/ijnsa/V13N4/13421ijnsa03.pdf>
16. Raheman A., Kolonin A., Goertzel B., Hegykozi G., Ansari G.: “Architecture of Automated Crypto-Finance Agent”, arXiv:2107.07769 [cs.AI, cs.CE, cs.MA], 2021, <https://arxiv.org/abs/2107.07769>
17. Ramesh V., Kolonin A.: “Natural Language Generation Using Link Grammar for General Conversational Intelligence”, arXiv:2105.00830 [cs.CL, cs.AI], 2021, <https://arxiv.org/abs/2105.00830>
18. Бурцев М. С., Бухвалов О. Л., Ведяхин А. А., Витяев Е. Е., Еременко М. А., Ефимов А. Р., Колонин А. Г., Курлатов А. В., Мазин В. А., Марков С. С., Молчанов А. А., Николенко С. И., Очеретный А.С., Панов А. И., Пономарев Д. К., Потапов А. С., Салихов Д. Р., Сарапулов Г. В., Свириденко Д. И., Черток А. В., Шаляпин С. О., Шелехов В. И., Franz A.: “На подступах к сверхразуму СИЛЬНЫЙ ИСКУССТВЕННЫЙ ИНТЕЛЛЕКТ”, Альпина Паблишер, ПАО Сбербанк, Москва, 2020
19. Ramesh, V., Kolonin, A.: “Interpretable Natural Language Segmentation Based on Link Grammar”, Published in: 2020 Science and Artificial Intelligence conference (S.A.I.ence), Novosibirsk, Russia, 2020, <https://ieeexplore.ieee.org/document/9303220>
20. Колонин А.Г.: “Смогут ли криптовалюты и “искусственный интеллект на блокчейне” быть децентрализованными?”, Журнал “Цифровая Экономика”, 2020, <http://digital-economy.ru/obzory/smogut-li-criptovalyuty-i-iskusstvennyj-intellekt-na-blokchejne-byt-detcentralizovannymi>
21. Колонин А.Г.: “Следующие цели в гонке ИИ — объяснимость и обучаемость”, Российский совет по международным делам, 2020, <https://russiancouncil.ru/analytics-and-comments/analytics/sleduyushchie-tseli-v-gonke-ii-obyasnimost-i-obuchaeomost>
22. Kolonin, A.: “Controlled Language and Baby Turing Test for General Conversational Intelligence”, arXiv:2005.09280 [cs.AI], 2020, <https://arxiv.org/abs/2005.09280>
23. Kolonin, A.: “Generalized Reputation Computation Ontology and Temporal Graph Architecture”, Proceedings of “Knowledge-Ontologies-Theories” conference (KONT-2019), Novosibirsk, Russia, 2019, <https://arxiv.org/abs/1912.00176>
24. Kolonin, A.: “Latent Semantic Search and Information Extraction Architecture”, Proceedings of “Knowledge-Ontologies-Theories” conference (KONT-2019), Novosibirsk, Russia, 2019, <https://arxiv.org/abs/1912.00180>
25. Glushchenko, A., Suarez, A., Kolonin, A., Goertzel, B., Baskov O.: “Programmatic Link Grammar Induction for Unsupervised Language Learning”, In: Hammer P., Agrawal P., Goertzel B., Iklé M. (eds) Artificial General Intelligence. 12th International Conference, AGI 2019, Shenzhen, China, August 6-9, 2019 Proceedings, pp. 111-120, 2019
26. Kolonin, A., et.al.: “A Reputation System for Multi-Agent Marketplaces”, arXiv:1905.08036 [cs.MA], 2019, <https://arxiv.org/abs/1905.08036>
27. Kolonin, A., et.al.: “A Reputation System for Marketplaces - Viability Assessment”, arXiv:1902.03857 [cs.SI], 2019, <https://arxiv.org/abs/1902.03857>
28. Kolonin, A.: “Reputation System for Online Communities” (in Russian), arXiv:1811.08149 [cs.SI], 2019, <https://arxiv.org/abs/1811.08149>
29. Kolonin A.: "Reputation Systems for Human-Computer Environments", In: Complexity, Informatics and Cybernetics: IMCIC 2019, conference materials, Orlando, Florida, USA, 2019
30. Колонин А.Г.: “Искусственный интеллект — благо или угроза для человечества?”, Российский совет по международным делам, 2018, <https://russiancouncil.ru/analytics-and-comments/analytics/iskusstvennyy-intellekt-blago-ili-ugroza-dlya-chelovechestva/>

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31. Колонин А.Г.: "Коллективный интеллект — будущее человечества или гибель личности?", Российский совет по международным делам, 2018, <https://russiangouncil.ru/analytics-and-comments/analytics/kollektivnyy-intellekt-budushchee-chelovechestva-ili-gibel-lichnosti/>
32. Glushchenko, A., Suarez, A., Kolonin, A., Goertzel, B., Castillo, C., Leung M., Baskov O.: "Unsupervised Language Learning in OpenCog", In: Iklé M., Franz A., Rzepka R., Goertzel B. (eds) Artificial General Intelligence. AGI 2018. Lecture Notes in Computer Science, vol 10999. Springer, Cham, 2018
33. Kolonin, A: "Resource-Constrained Social Evidence Based Cognitive Model for Empathy-Driven Artificial Intelligence", In: Iklé M., Franz A., Rzepka R., Goertzel B. (eds) Artificial General Intelligence. AGI 2018. Lecture Notes in Computer Science, vol 10999. Springer, Cham, pp 100-108, 2018
34. Kolonin, A.: "Representing scenarios for process evolution management", arXiv:1807.02072 [cs.AI], 2018, <https://arxiv.org/abs/1807.02072>
35. Kolonin, A., Goertzel, B., Duong, D., Ikle, M.: "A Reputation System for Artificial Societies", arXiv:1806.07342 [cs.AI], 2018, <https://arxiv.org/abs/1806.07342>
36. Kolonin, A.: "Personalized Social Connectivity and Reputation : Monitoring Dynamics in Online Networks with Aigents Platform", Future of Information and Communication Conference (FICC), Singapore, 2018
37. Kolonin, A., Shamenkov, D., Muravev, A., Solovev, A.: "Personal analytics for societies and businesses with Aigents online platform", 2017 International Multi-Conference on Engineering, Computer and Information Sciences (SIBIRCON) - Conference Proceedings, 2017
38. Kolonin, A.: "Architecture of Internet Agent with Social Awareness", Biologically Inspired Cognitive Architectures (BICA) 2017 - Conference Proceedings, 2017
39. Kolonin, A: Assessment of personal environments in social networks, Proceedings of 2017 Siberian Symposium on Data Science and Engineering (SSDSE), Novosibirsk, 2017
40. Kolonin, A: Adaptive experiential learning for business intelligence agents, Cognitive Sciences, Genomics and Bioinformatics (CSGB) - Symposium Proceedings, 2016
41. Kolonin, A., Studying human social environment and state with social network data", Cognitive Sciences, Genomics and Bioinformatics (CSGB) - Symposium Proceedings, 2016
42. Kolonin, A., Vityaev, E., Orlov, Y.: Cognitive Architecture of Collective Intelligence based on Social Evidence, 7th Annual International Conference on Biologically Inspired Cognitive Architectures, BICA 2016, July 2016, NY, USA
43. Kolonin, A.: Automatic text classification and property extraction. 2015 SIBIRCON/SibMedInfo Conference Proceedings, ISBN 987-1-4673-9109-2, pp.27-31
44. Kolonin, A.: Computable cognitive model based on social evidence and restricted by resources. 2015 SIBIRCON/SibMedInfo Conference Proceedings, ISBN 987-1-4673-9109-2, pp.41-45
45. Колонин, А.: Машинное обучение программных агентов, работающих с текстами на естественном языке. Опубликовано в номере: Control Engineering Россия – Май 2015, <https://controleng.ru/innovatsii/programmnye-agenty>
46. Kolonin, A.: Intelligent Agent for Web Watching : Belief System and Architecture. Proceedings of "Knowledge-Ontologies-Theories" conference (KONT-2015), 2015, Novosibirsk, vol.1
47. Kolonin, A.: Agent Language for communication between humans and computer agents. Proceedings of "Knowledge-Ontologies-Theories" conference (KONT-2015), 2015, Novosibirsk, vol.1
48. Kolonin, A.: Distributed Knowledge Engineering and Evidence-based Knowledge Representation in Multi-agent Systems. Knowledge Engineering and Semantic Web, 6th International Conference, Moscow, Russia, 2015, p.291
49. Kolonin, A.: Personal Agents for Social Intelligence. Knowledge Engineering and Semantic Web, 6th International Conference, Moscow, Russia, 2015, p.283

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50. Kolonin, A.: Machine learning for software agents working with natural language texts. Control Engineering Russia N3 (57) (2015)
51. Kolonin, A.: Intelligent Agent for Web Watching : Language and Belief System. Проблемы Информатики, Новосибирск (2015)
52. Kolonin, A.: The Emerging World Wide Mind. Artificial General Intelligence conference. Beijing (2013)
53. Kolonin, A.: High-performance automatic categorization and attribution of inventory catalogs. Proceedings of All-Russia conference Knowledge Ontology Theories (KONT-2013), Novosibirsk, Russia (2013)
54. Kolonin, A.: Seismic tomography using the amplitudes of seismic waves. - Russian Geophysical Journal, Saint Petersburg, Russia, 25-25, pp. 12-18 (2002)
55. Kolonin, A.: Seismic tomography technique for diamond pipes prospecting. - SEG Technical Program Expanded Abstracts, <https://doi.org/10.1190/1.1820784> (1999)
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RECOMMENDATIONS:

Lifeboat Foundation Biography: <https://lifeboat.com/ex/bios.anton.kolonin>

PERSONAL INFORMATION:

DOB: February 12, 1965

Married, four children, four grand-children

Hobbies: country-western and ball dancing, hiking, skiing, wind-kite-wake-surfing, literature.