

# Anton Alekseev

St. Petersburg, Russia

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## Enterprise experience

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Oct 2016 – up to now	Machine Learning Specialist, Native Media, St. Petersburg. Machine learning in native advertising
Oct 2016 – Dec 2016	Visiting Lecturer, NRU HSE, St. Petersburg. Python and data analysis tools course
Aug 2015 – Sep 2016	Intelligent Systems Engineer, SofIT Labs, St. Petersburg. NLP, IR, ML for customers' good
Aug 2014 – Aug 2015	Software Engineer, Yandex, St. Petersburg. Online reviews at Yandex.Maps & Yandex.Auto; Yandex.Jobs backend
Feb 2013 – Aug 2014	Software Engineering Intern, Yandex, St. Petersburg. Online reviews at Yandex.Maps & Yandex.Auto

## Programming skills

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Languages	Scala, Python, Java; <i>occasional</i> : bash, js, R, C#, C++, HTML, CSS, $\text{\LaTeX}$
Trendy stuff	Lucene, Hadoop, Akka, Scalding, Spray, sklearn, pandas, numpy, xgboost (all – <i>occasional experience in production</i> )
Data storages user	MySQL, H2, MongoDB, SQLite, HBase, Cassandra
Natural languages	English (fluent, TOEFL iBT 97 (2014)), Russian (native)

## Education

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2009 – 2014	Diploma with distinction, SPSU, St. Petersburg. Applied Computer Science, Computer Science dpt.; avg score 5.0 out of 5.0
2011 – 2014	Diploma, Computer Science Center, St. Petersburg. Data Mining, Software Engineering
2014 – up to now	PDMI RAS, St. Petersburg. Theoretical Computer Science, PhD student

## Other

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Contests	School olympiads in Computer Science, Maths, Physics, Russian, English, Russian Literature, History of St Petersburg
Contests	SNA Hackathon participant (8 place in online part; <a href="http://sh2014.org">http://sh2014.org</a> )
Scholarship	SPSU: Increased Academic Scholarship 2012-2014 (since the establishment of one)
Pet projects	<a href="#">github/GopStopBot</a> – <a href="#">github/mystem-scala</a> – other @ <a href="#">GitHub/alexeyev</a>

## Research

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- Coursework** Building and processing hidden Markov models in the form of algebraic Bayesian networks, *sc.adv: A.L. Tulupyev*
- Graduation project** Software system for automated analysis of technological fields popularity based on Russian electronic media corpus, *sc.adv: T.V. Tulupyeva*
- Recent papers** *Nikolenko S.I., Alekseev A.M.* User Profiling in Text-Based Recommender Systems Based on Distributed Word Representations// Proc. 5th International Conference on Analysis of Images, Social Networks, and Texts. 2016.
- Alekseev A.M., Nikolenko S.I.* Predicting the Age of Social Network Users from User-Generated Texts with Word Embeddings. // Proc. of the AINL FRUCT 2016 Conference. 2016.
- Galinsky R., Alekseev A. and Nikolenko S.* Improving Neural Network Models for Natural Language Processing in Russian with Synonyms. // Proc. of the AINL FRUCT 2016 Conference. 2016.
- Alekseev A., Nikolenko S.* Word Embeddings of User Profiling in Online Social Networks. Accepted to Computacion y Sistemas, 2017.

## Schools

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- The 6th Russian Summer School in Information Retrieval.  
*Aug 6-10, 2012, Yaroslavl, Russia.*
- The 44-th International Youth School-Conference "Current problems in mathematics"  
*Jan 27 - Feb 2, 2013, Yekaterinburg*
- International Social Network Analysis Summer School (HSE).  
*Aug 8-13, 2014, St. Petersburg, Russia.*
- 5th Lisbon Machine Learning School.  
*Jul 16-23, 2015, Lisbon. Portugal.*
- DeepHack.Turing Summer school-hackathon (accepted participant).  
*Jul 24-30, 2017, Dolgoprudnyy, Russia.*
- The 11th Russian Summer School in Information Retrieval (accepted participant).  
*Aug 21-25, 2017, Yekaterinburg, Russia.*
- Bayesian Methods in Deep Learning Summer School (accepted participant).  
*Aug 26-30, 2017, Moscow, Russia.*