# Roman Trusov

📱 +7 999 2076723 • ✉ r.v.trusov@gmail.com

MSc student at Skolkovo Institute of Science and Technology (Skoltech), working on computer vision and NLP tasks.

## Previous Employment

**Facebook AI Research** — **New York**
*Research Intern* — *July 2016–October 2016*

I was determining the best way to jointly train a text classifier in extreme conditions (weakly supervised datasets with 300000+ classes). Evaluated unsupervised pretraining methods.

**NonIssue** — **Tel Aviv**
*Data Scientist* — *April 2015–January 2016*

I worked remotely as a data scientist in an Israeli internet media startup. Projects: deduplication service that cleaned unprocessed newsfeed from repetitive news, and a recommendation system for sponsored content.

**Siemens Corporate Technology** — **Saint-Petersburg**
*Engineering Intern* — *September 2014–December 2014*

I developed a distributed user management service, including full cycle of testing and deployment procedures.

## Education

### Academic Qualifications and courses

**Skolkovo Institute of Science and Technology**
*Information Technology and Data Science, Master's Student* — *2016–Present*

**Saint-Petersburg University of Information Technology, Mechanics and Optics**
*Applied Mathematics and Computer Science, Bachelor's Degree* — *2012–2016*

**Coursera, edX**
*Scalable Machine Learning, Functional Programming in Scala* — *2015*

### Notable Projects

- **Bachelor's Project:** *'Generative hierarchical recurrent models with end-to-end training.'*

  I worked under supervision of Dr. Mikhail Burtsev from MIPT (Moscow Institute of Physics and Technology) on advancing general Q&A systems by application of hierarchical RNN with end-to-end learning from heterogeneous text data.

- **Paper** Trusov, R.; Natekin, A.; Kalaidin, P.; Ovcharenko, S.; Knoll, A.; Fazylova, A., "Multi-representation approach to text regression of financial risks" in *Artificial Intelligence and Natural Language and Information Extraction, Social Media and Web Search FRUCT Conference (AINL-ISMW FRUCT), 9-14 Nov. 2015*

  The paper was aimed at improving the results in a particular task by mixing vector representation methods. I produced one of the two representations, coded baseline methods, prepared the dataset and presented the paper on the conference.

- **Hackathon and Winter School at MIPT** *'DeepHack Q&A Hackathon'*

  Member of a team that won the 1st place in the Hackathon and the 7th place in the Allen AI Challenge at kaggle.com. I was responsible for the core algorithm (search engine).

- **Changellenge Cup Technical 2015, SAP** *IT section, High Quality 15% Award*

  Participated as a tech lead of a team. Developed the prototype and provided the insight from gathered financial data.

## Skills

- **Programming Languages:** Python, C, Java, R, SQL, Haskell, Scala

- **Technologies:** Distributed computing, DL and ML libs for Python (Theano, Lasagne, TensorFlow, sklearn)