Igor Vorona

Male, Single, 02.06.1993
Mobile phone: +7 (925)1289027
Academic E-mail: igor.vorona@skoltech.ru
Personal E-mail: harrycrow@yandex.ru
Address: Moscow, Moscvorechie street, 4-3-202
Nationality: Russian
Languages: Russian (native), English (intermediate and scientific)

Education

1. **Lomonosov Moscow State University**
   The faculty of Computational Mathematics and Cybernetics:

   1. Bachelor Degree (September 2011 - June 2015) Applied Mathematics and Computer Science

   2. Master Degree (September 2015 - June 2017) Intelligent analysis of Big Data

2. **Skolkovo Institute of Science and Technology (Skoltech)**
   Center for Computational and Data-Intensive Science and Engineering (CDISE)

   PhD student (November 2018 - …)
   Supervisor: Andrzej Cichocki
   Co-advisor: Anh-Huy Phan
   Topic of research: Generalized Tensor Networks and their application in Machine Learning and Data Mining
   I am interesting in scope of intersection of constrained matrix factorization and deep learning with use cases in Data Fusion, Source Separation, NLP, Geometric Deep Learning. My current project is based on using generalized tensor decompositions as latent variable model in NLP tasks.

Working Experience

DATA SCIENTIST, NLP ENGINEER (FEBRUARY 2017 - OCTOBER 2018)

Professional Skills

- Programming languages: Python, C/C++, Java;

- Experience in machine learning, natural language processing, applied algebra, deep learning, frequentist statistics, bayesian statistics and optimization, numerical optimization;

- Experience in scientific python programming stack (NumPy, SciPy, scikit-learn, …) and deep learning stack (Keras, PyTorch, Intel Neon);

- Proficiency in data analytic software and data mining platform: SAS (with certifacate), Apache Spark, Apache Hadoop.