

Gavrilenko Arsenii



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[BetterThanButter](#)

Skills

Languages

- English - advanced
- French - pre-intermediate
- Russian - native

Programming

- C/C++ (>10000 LOC)
- Python (5000 LOC)
- SQL (6000 LOC)

Software and Tools

- LaTeX, Git, Bash, Linux
- MsSQL, Excel, Tableau, PowerPoint

Frameworks

- Pytorch, TensorFlow, Scikit-learn
- Pandas, Numpy, XGBoost

Competitions

Data Science

- Okko - recommendations, top 40 %
- McKinsey - online hack top 15 %

Education

2017 - 2021 **B.S., Applied Math and Computer Science** (GPA: 4.85/5.0)
Moscow Institute of Physics and Technology, Moscow

2015 - 2017 **High School of Novosibirsk State University** (GPA: 4.8/5.0)
SESC NSU, Novosibirsk

Experience

- Sep 2018 - Dec 2018 **Data Science Intern** Sberbank
- Detection of anomalies in ATM's crashes statistics
 - Creating, modification and testing of parsing systems of different ATM's logs
 - Analysis of client-specified problems s.a. fraud transactions and development of the classification system aimed to fraud detection
- July 2018 - Aug 2018 **Assistant Project Manager** DOM RF
- In the team of 4: development of the video system covering optimal building area and its implement in the company website

Projects

- Apr 2019 **XGBoost + ReduceLRonPlateau technique** IITP
- Implement reduceLRonPlateau approach for scheduling learning rate.
 - Outperform original model for - train time is less for 10-15 percent without losing of quality.
- Jan 2019 - **Most- mentoring support for schoolchildren** Most
- Everyone can apply and receive a valuable consulting information about higher education.
 - We implement NLP approaches to analyze our students assignments.
- Feb 2019 - in progress **SQuAD (Python/TensorFlow)** Tinkoff Bank
- Classic NLP challenge, where I try to implement RNN, LSTM and different kinds of embeddings(w2v..)
- Sep 2018 - May 2018 **C++ experience** MIPT
- My own simplistic Unix shell in C++
 - My custom programming language in C

Extracurricular activities

- Jan 2019 - Apr 2019 **ML for dialogue systems** Tinkoff Bank
- Sep 2018- Dec 2018 **Neural Networks General Course** Mail.ru Group
- July 2018 - Aug 2018 **Business Analysis FinTech School** Tinkoff Bank

Extra Information

- Prize winner of several Math and Physics school national competitions.
- Receptient of President scholarship.
- Prize winner of Moscow Student's Rugby Cup as a MIPT team member.