Last Updated on 29th August 2021
Latest version at http://gg.gg/S_CV

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EDUCATION

MOSCOW INSTITUTE OF PHYSICS & TECHNOLOGY

BS in Applied Mathematics & Computer Science
Grad. July 2021 | Moscow, Russia
GPA: 3.2 / 4.0

Bachelor Thesis
Subject: GAN-based methods applied to generating adversarial examples against face-recognition models.

Coursework
Algorithms & Data Structures • Computer Networks • Deep Learning in Natural Language Processing • Design and Development of Information Systems • High-load System Design • Linear Algebra • Machine Learning • Software Design Patterns • Theory and Practice of Concurrent Computing

MS in Data Analysis & Information Systems Development
Expected Grad. July 2023 | Moscow, Russia

SKILLS

PROGRAMMING LANGUAGES & TECHNOLOGIES

Recent experience:
APIs • C • **C++** • **Docker**
CSS • Flask • HTML • Java
Keras • LaTeX • **Python**
Pytorch • SQL • **Tensorflow**
Familiar:
Django • JavaSctipt • Unix

HUMAN LANGUAGES

Russian (native) • English (advanced)

INTERESTS

NATURAL LANGUAGE PROCESSING

Studied different NLP problems (text classification, generation, summarization, POS-tagging etc.). Participated in a kaggle competition on tweet sentiment extraction.

EXPERIENCE

SBER

Junior Data Scientist
Since Jan 2021 | Python, Tensorflow, Docker, Selenium | Moscow, Russia

- Developed a ranking model for optimizing the call center routine.
- Developed image classification models for automation of the moderation process and deployed them to production.
- Worked on automating the process of the assignee monitoring: developed an application for collecting necessary data through web scraping.
- Wrote reports and made presentations for regular team demos.

Data Science Intern
June 2020 – Jan 2021 | Python, Pytorch, Tensorflow, Flask | Moscow, Russia

- Implemented an extraction-based algorithm for generating summary for short documents. Developed a Flask application for building it into the deployment process.
- Applied different abstraction and extraction -based methods (including fine-tuning BERT-based architectures, and implementing recurrent and transformer neural networks from scratch) for improving the quality of summary generation.
- Worked on Recurrent AutoEncoder model for outlier detection in text data.
- Worked on increasing the quality of a scoring model currently being used for simplifying the process of debt restructuring for legal entities.

PROJECTS

QRATOR LABS

Jan 2020 – May 2020 | C++, Python | Moscow, Russia

- Worked in a team developing a framework for detecting heavy hitters: finding the set of flows contributing significant amounts of traffic to a link.
- Implemented Space Saving & Count-Min sketch -based algorithms for traffic filtering.
- Worked on optimizing the framework: implemented queue-based algorithm for better traffic imitation while testing, refactored code.
- Maintained performance dashboards for displaying quality metrics and memory usage.
- Organized team meetings and communication, managed the documentation of the work process and formulated the tasks for other team members.