Bulat **Useinov**

SOFTWARE ENGINEERING INTERN · DATA SCIENCE INTERN

Moscow Russia

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Education

Moscow Institute of Physics and Technology (PHYSTECH)   *Moscow, Russia*
B.S. IN APPLIED MATHEMATICS AND COMPUTER SCIENCE   *Sep. 2017 - Aug. 2021*
- GPA: 4.6/5.0

Experience

Sizolution GmbH.   *Moscow, Russia*
JUNIOR DEEP LEARNING ENGINEER   *Jun. 2019 - Now*
- Conducted a research on the applicability of approaches for solving the classification problem of strongly domain comments.
- Built a fully automated web scraping and text preprocessing pipeline.
- Developed an Attention and BERT-based models for solving classification problem. Developed BERT-based model for NER-task.
- Deployed full service architecture which works in production and improves business score of the product.

Projects

TimeTableOptimizer   *Moscow, Russia*
WEB DEVELOPER   *Mar. 2019 - May. 2019*
- Built web-app to optimize default university schedule according to the user preferences and constraints.
- Developed a solution that reduces time spent from hours to 1-2 minutes, using backtracking. (60 times speed boost)
- Tested several algorithms to solve discrete optimization problem (NP Backpack problem)

Image Haze Removal Using Dark Channel Prior   *Moscow, Russia*
SOLO PROJECT   *Mar. 2019 - Jun. 2019*
- Implemented an app with the idea from the article.
- App helps to reduce the haze level and make images clear.
- Used only classic CV algorithms and approaches without DL or ML.

Pushkin Museum Voice Assistant (VK Hackathon 2019)   *Moscow, Russia*
DL ENGINEER   *Sep. 2019*
- Implemented VK Mini App for the Pushkin Museum with a voice assistant.
- App helps to navigate through the museum, gives information about pieces of art and new exhibitions.
- Unfortunately, our team didn't manage to win the hackathon.

Achievements

KAGGLE COMPETITIONS EXPERT (BULAT USEINOV)

2019	**Bronze Medal**, Predicting Molecular Properties	*CHAMPS*
2019	**Bronze Medal**, APTOS 2019 Blindness Detection	*APTOS*
2019	**Bronze Medal**, IEEE-CIS Fraud Detection	*IEEE*

Key Skills

DL / ML	Pytorch, TensorFlow, Keras, scikit, fast.ai, pandas, shap
Dev-0ps	Docker, Kubernetes, Git, Mercurial, Linux, bash/zsh
Back-end	Django, Flask
Programming	Python, LaTeX, SQL, C/C++
Languages	Russian, English

Extra Information

Field of interest, hobbies: Artificial Intelligence, Auto-ML, RL, DL Research, Optimisation Methods, Sports, Fitness and Swimming.