

ALENA KARNAUKHOVA

github.com/Stamaks

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EDUCATION

- NRU HSE, Bachelor of Computer Science, Software Engineering** *2017 - 2021*
Data Structures and Algorithms, Discrete Mathematics, Linear Algebra, Operating Systems, Probability Theory, Deep Learning
- Yandex School of Data Analysis** *Sep 2019 - Now*
Data Structures and Algorithms, C++
- GoTo project schools** *2015 - 2017*
Data analysis track, Algorithms track

EXPERIENCE

- Yandex, Software Engineer** *May 2019 - Now*
Advertisement Moderation team. Infrastructure development: establishing data transfers based on Apache Kafka between several highload systems, production processes building and maintenance, banner ad labelling automation.
- Yandex, Software Engineering Intern** *Dec 2018 - Apr 2019*
Advertisement Moderation team. Research on the part of the automoderation system resulted in the decision to suspend the subsystem, saving the budget without any user impact. SMM comments classification: replaced old classifier with a new one based on Catboost in production, 42% recall improvement and 8% precision improvement on average for each class.
- Programming Tutor in high school** *Sep 2017 - Now*
"Moscow Winners" Association and "GoTo" project school, languages: Python, C++.

SKILLS

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|----------------------|--|
| Development | Python (Flask), Java (JavaFX, Selenium), C++, Git, SVN |
| Data Analysis | PyTorch, TensorFlow, sklearn, numpy, scipy, pandas, etc. |
| DevOps | Linux, bash, Docker, SQL, MongoDB |
| Languages | English (Upper-Intermediate), Russian (native) |

PROJECTS

- Swift to Java translator** github.com/Stamaks/Swift2Java *2018*
Base translator written for FCS SE summer practice.
- Piano notes transcription** github.com/Stamaks/NotesTranscription *2017*
Piano notes transcription from audio files using GAN strategy.
- Speech analysis** github.com/Stamaks/SkyEngApp *2016*
Neural net for different people's voices detection; **GoToHack2**: 3rd place, SkyEng nomination.