

Alexander Smirnov

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WORK EXPERIENCE

AskGuru

Co-Founder

Remote

Apr 2023 - Present

- AskGuru is an AI toolkit for customer support and knowledge management software. Check out our journey here: asmirnov.xyz/askguru

Yandex

Machine Learning Engineer

Remote

Oct 2022 - Mar 2023

- Participated in improving the underlying language model of the Alice virtual assistant

Booking.com

Machine Learning Engineer

Amsterdam, Netherlands

Jul 2022 - Sep 2022

- Worked on enhancing machine learning related backend logic

Myna Labs

Deep Learning Researcher

Tbilisi, Georgia

Feb 2022 - Jun 2022

- Fine-tuned large GPT-like models (GPT-Neo, OPT) on dialogue data to create open-domain dialogue engine
- Deployed models to the production environment
- Collected and processed dialogue datasets
- Invented and implemented dialogue engagement mechanics

Ten Square Games

Data Scientist

Wroclaw, Poland

May 2021 - Nov 2021

- Conducted research on players' purchase activity using A/B testing to implement in-game item recommendations reaching 50M+ consumers, resulting in a 6% increase in revenue from in-game items
- Built forecast models by engineering new features to predict player churn with a 0.8 F1 score

yarus.ru

Machine Learning Engineer

Saint Petersburg, Russia

Aug 2020 - Apr 2021

- Pioneered news & video recommender systems by analyzing customer engagement, designing system architecture end-to-end, and deploying all modules to increase average session duration on news feed by 20%
- Optimized product by solving cold start, data sparsity, and delayed recommender reaction on users' actions problems to improve CTR by 15%

JetBrains

Machine Learning Engineer (Intern)

Saint Petersburg, Russia

Sep 2019 - Dec 2019

- Applied segmentation algorithms to 10k core sample images in order to predict core properties

Belkasoft

Machine Learning Engineer (Intern)

Saint Petersburg, Russia

Jul 2019 - Aug 2019

- Trained NSFW detection models and augmented data to boost the model performance by 10%

EDUCATION

Moscow Institute of Physics and Technology

Master of Science, Artificial Intelligence

Moscow, Russia

2023

- Degree Thesis: *Developing a natural language response system for customer support knowledge bases*

Saint Petersburg State University

Bachelor of Science, Computer Science

Saint Petersburg, Russia

2021

- Degree Thesis: *A hybrid approach for news recommender system*
- Course Thesis: *Core sample image segmentation*

ADDITIONAL EXPERIENCE

Projects: [TrumpBot](#), [Meme App](#), [Terminal Tetris](#), [Siamese Neural Networks](#), and more

Hackathons: Participant in 6+ hackathons, including multiple top 3 awards

Online Courses: Statistics, Supervised / Unsupervised Learning, Sequence Models, and more