**Alexander Smirnov**

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| **WORK EXPERIENCE** |
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**AskGuru Remote**

*Co-Founder Apr 2023 - Present*

* AskGuru is an AI toolkit for customer support and knowledge management software. Check out our journey here: [asmirnov.xyz/askguru](https://asmirnov.xyz/askguru)

**Yandex Remote**

*Machine Learning Engineer Oct 2022 - Mar 2023*

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

**Booking.com Amsterdam, Netherlands**

*Machine Learning Engineer Jul 2022 - Sep 2022*

* Worked on enhancing machine learning related backend logic

**Neiro Tbilisi, Georgia**

*Deep Learning Researcher 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 Wrocław, Poland**

*Data Scientist 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 Saint Petersburg, Russia**

*Machine Learning Engineer 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 Saint Petersburg, Russia**

*Machine Learning Engineer (Intern) Sep 2019 - Dec 2019*

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

**Belkasoft Saint Petersburg, Russia**

*Machine Learning Engineer (Intern) Jul 2019 - Aug 2019*

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

| **EDUCATION** |
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**Moscow Institute of Physics and Technology** **Moscow, Russia**

*Master of Science, Artificial Intelligence 2023*

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

**Saint Petersburg State University** **Saint Petersburg, Russia**

*Bachelor of Science, Computer Science 2021*

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

| **ADDITIONAL EXPERIENCE** |
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[**Projects**](https://github.com/SmirnovAlexander/CV/blob/master/links/projects.md): [TrumpBot](https://github.com/SmirnovAlexander/chatbot), [Meme App](https://github.com/SmirnovAlexander/MemDer), [Terminal Tetris](https://github.com/SmirnovAlexander/Tetris), [Siamese Neural Networks](https://github.com/SmirnovAlexander/OneShotLearningSiameseNetworks), and more

[**Hackathons**](https://github.com/SmirnovAlexander/CV/blob/master/links/hackathons.md): Participant in 6+ hackathons, including multiple top 3 awards

[**Online Courses**](https://github.com/SmirnovAlexander/CV/blob/master/links/courses.md)**:** Statistics, Supervised / Unsupervised Learning, Sequence Models, and more