

Donskov Dmitry

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WORK EXPERIENCE

Google / DeepMind (Gemini post-training)

Feb. 2024 – Present

Senior Software Engineer

Zürich, Switzerland

- Led e2e development and currently own the Traffic Classification Platform for the Gemini App, which makes it easier to launch product features to users and powers traffic analysis
- Identified headroom and improved factuality accuracy on Fact seeking and Freshness slices by >10%
 - Collected SFT data + conducted SFT experiments
 - Improved retrieval flows to extract additional metadata
 - Collected RM / RL data + retrained RM + conducted experiments with the RL recipe
- Improved retrieval quality by enabling multi fanout search, which unblocked other model quality improvements

Keywords: cross-team collaboration, SFT, RLHF, Data preparation, Python, C++

Google

Dec. 2018 – Jan. 2024

Software Engineer

Zürich, Switzerland

- I was responsible for the end-to-end development of numerous projects (brainstorming > designing > planning > experimenting > implementing > evaluating). Examples of the projects I was working on:
 - Enhanced different parts of ML-driven ranking systems
 - Improved quality of the Google Assistant by introducing/improving various ML models (classification, clusterization)
 - Developed platforms for training and deploying ML models on server and on-device
 - Enhanced data pipelines and implemented continuous end-to-end evals

Keywords: ML, ML System design, Python, C++

Yandex

Sep. 2016 – Nov. 2018

Software Engineer

Moscow, Russia

- I was responsible for conducting experiments and evaluating launches. As a part of the ML quality team I developed/improved different parts of the recommendation system, ranking and clusterization for Yandex News and Yandex Search.

Keywords: AB tests, Live Experiments, offline/online metrics, statistics, ML, Python, C++

EDUCATION

Moscow Aviation Institute (National Research University)

March, 2016

Master's degree in Information Technology

Moscow, Russia

- **GPA:** 4.56/5