Anastasiia Filippova

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Education

École Polytechnique Fédérale de Lausanne (EPFL) **Sep 2021 – Jan 2024**
Master in Data Science (5.3 / 6.0) *Lausanne, Switzerland*

Moscow Institute of Physics and Technology (MIPT) **Sep 2017 – June 2021**
Bachelor of Science in Applied Math and Physics (4.8 / 5.0) *Moscow, Russia*

Experience

Apple **Mar 2024 – Oct 2024**
AIML Intern *California, USA*

- Working on efficient training and inference of LLMs under Ronan Collobert supervision

Adaptive Intelligence Lab **Sep 2023 - Jan 2024**
Research Assistant *Geneva, Switzerland*

- Worked on ModelZoo improving generalisation ability of models for animal pose estimation
- Worked on CEBRA extension under the supervision of Steffen Schneider

WorldQuant **Feb 2023 – Aug 2023**
Quantitative Researcher Intern *New York, USA (remote)*

International hedge fund and quantitative investment management firm

- Worked on improvements for futures trading strategies
- Developed pipeline for fine-tuning LLM's on in house financial data

Machine Intelligence Lab **Sep 2019 - June 2021**
AIML Researcher *Moscow, Russia*

Start-up helps big technical companies to integrate AI models into products

- Dehydratation estimation via smartwatch for Samsung Research
- Neuro Sense: Hardware-constrained human activity recognition and heart rate estimation
- Inertial navigation and activity recognition on smartphones for Huawei Research

Publications

- **Anastasiia Filippova**, Angelos Katharopoulos, David Grangier, Ronan Collobert. **No Need to Talk: Asynchronous Mixture of Language Models**. *pre-print, 2024*

- Shaokai Ye, **Anastasiia Filippova**, Maxime Vidal, Steffen Schneider, Jessy Lauer, Tian Qiu, Alexander Mathis, Mackenzie Weygandt Mathis. **SuperAnimal pretrained pose estimation models for behavioral analysis.** *Nature Communications, 2024*

- Ekaterina Svikhnushina, **Anastasiia Filippova**, Pearl Pu. **iEval: Interactive Evaluation Framework for Open-Domain Empathetic Chatbots.** *In Proceedings of the 23rd Annual Meeting of the Special Interest Group on Discourse and Dialogue, 2022*

Scholarships & Awards

EPFL Master Research Scholarship	**Sep 2021 – Sep 2022**
MIPT Abramov foundation scholarship for outstanding students (top 5%)	**Feb 2020 – Sep 2020**