

ANASTASIIA FILIPPOVA

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Education

École Polytechnique Fédérale de Lausanne (EPFL)

Master in Data Science (5.3 / 6.0)

Sep 2021 – Jan 2024

Lausanne, Switzerland

Moscow Institute of Physics and Technology (MIPT)

Bachelor of Science in Applied Math and Physics (4.8 / 5.0)

Sep 2017 – June 2021

Moscow, Russia

Experience

Apple

AIML Intern

Mar 2024 – Present

California, USA

- Working on efficient training and inference of LLMs under [Ronan Collobert](#) supervision

Adaptive Intelligence Lab

Research Assistant

Sep 2023 - Jan 2024

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

Quantitative Research Intern

Feb 2023 – Aug 2023

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

AIML Researcher

Sep 2019 - June 2021

Moscow, Russia

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

- Dehydration 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

- 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