

SERGEY ZINCHENKO

OBJECTIVE

Position in computer science with a particular interest in machine learning and algorithms.

EXPERIENCE

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| TODAY AUGUST 2022 | Huawei Machine Learning Researcher & Engineer | Novosibirsk, Russia Full Time |
| Develop new data caching algorithms for high-loaded db systems. Theoretical research in the field of Materialized View Selection Problem. | | |
| MAY 2022 SEPTEMBER 2021 | HDI Lab, HSE Machine Learning Researcher | Joint work on a research project, Moscow, Russia Part Time |
| A new way of model aggregation was developed, the work was accepted for ICML. One of our models took 10-11th place in the Fashion Mnist dataset. Used PyTorch (@mordiggiani74/star-ensembling). | | |
| JANUARY 2022 | CompTech Machine Learning Engineer | Winter School, Novosibirsk, Russia Part Time |
| We solved the problem by forecasting prices for a company with 14M \$ revenue based on data for the last 9 years. Led the team. Used Sklearn, XGBoost, Keras, PyTorch (@comptech-winter-school/blank-price-prediction). | | |
| AUGUST 2021 JULY 2021 | Sirius Machine Learning Researcher | Summer School, Sochi, Russia Full Time |
| Theoretical research of ensembling algorithms with a team of 3 people and supervisor. | | |

EDUCATION

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| DEGREE RANK UNIVERSITY | Bachelor of Mathematics and Computer Science (2022) With Distinction Novosibirsk State University |
| Randomized, parameterized algorithms and big data algorithms, machine learning. | |
| DEGREE RANK | High School Graduate Golden Medal |
| The first in the history of the city to receive 100/100 points for the state exam in Informatics. | |

PUBLICATIONS

ICML 2022 Zinchenko S. and Lishudi D. Star algorithm for NN ensembling, ICML DyNN
<https://arxiv.org/abs/2206.00255>

OTHER ACTIVITIES AND ACHIEVEMENTS

Conferences ICML 2022, AIRI 2022, ISSC 2022, SnowOne 2020, CSSR 2019
Schools CompTech 2022, 2021, 2020, Sirius 2021, Mathematical Workshop 2020, CSSR 2019
Olympiads Winner the Olympiad I am a Professional 2022 (Mathematics),
Winner the International Olympiad in Cryptography NSUCRYPTO 2020,
Winner the International Open Student Contest on Mathematics 2019

SKILLS

Programming skills Python (1,5 year), C++ (1 year), Julia (2 month), PyTorch (4 month)
Languages Russian (native speaker), English (Intermediate)

RUSSIA

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