Sergey Zinchenko

Objective

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

Experience

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

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
Oplympiads	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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