

Dmitrii Sutyi

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Summary — I have strong foundations in the field of development and ml, as well as a strong mathematical base, I am looking for complex and creative tasks where I need to research. I like to work in a team, well-developed soft skills

Education

School №179 Math class Majors: Calculus, Competitive Programming, Informatics	2017 – 2021
Moscow Institute of Physics and Technologies Bachelor of Phystech School of Applied Mathematics and Computer Science Majors: Calculus, Linear Algebra, Probability Theory, CAOS, Algorithms & Data Structures, Concurrency, ML/DL Minors: Numerical Methods in Mathematical Finance, Rust	2021 – 2025

Skills

ML areas classic ML, NLP, Ranking Systems, CV	Languages C++, C, Python, SQL, Go (+-)
Math Linear Algebra, Calculus, Probability Theory	ML frameworks PyTorch, Lightning, NumPy
Dev tools Docker, Linux,	Dev frameworks Qt, MPI, Flask

Experience

Yandex C++ engineer (Video Search Infrastructure) <ul style="list-style-type: none">– Implementation and deploy of an infrastructure microservice on Flask– Realization of C++ Map&Reduce operations– Implementation of the process of collecting and sending internal statistics via telegram bot	Aug 2023 – Dec 2023
Yandex ML engineer (E-com Web Search Ranking) <ul style="list-style-type: none">– Training of the classification bert– Data analysis– Working with tabular data– Development and evaluation of features to improve the quality of ranking– Distillation of large models to accelerate inference	Jul 2024 – Present

Projects & Other Involvement

MIPT Course assistant (Computer Architecture & Operating System) <ul style="list-style-type: none">– Regular checking and correcting student code– Developing tests for students' solutions– Deep understanding of the basic principles of operating systems and networks	Sep 2023 – Dec 2023
DeepPavlov LLM Processor <ul style="list-style-type: none">– Regular review of NLP articles (from "Attention is all you need" to "Mamba")– Implementation of the auto pipeline using llm tools	Jan 2024 – Jun 2024
OzonCup (CV hackathone) <ul style="list-style-type: none">– Implementation of the full pipeline of model training– Reviewed and sponsored packages on behalf of prospective Developers– Resolved bugs reported in bug tracking system	Sep 2024

Other Achievements

- Perseverance: transferred to the university with a grant on a budgetary basis
- Actively participated in Olympiads in competitive programming and mathematics at school (prize-winner of the Moscow Olympiad in computer science and mathematics)
- GPA > 6
- English knowledge (upper-intermediate)