

Aleksandr Tarmaev

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Experience

- 1C (Analytics team) - frontend-developer** | *Typescript, React, Webpack* Aug. 2023 - Apr. 2024
- Learned JS / TS / React / HTML / CSS and started committing in first 3 weeks
 - Simplified and shortened dashboard routine operations for users by creating a special form, allowing them to spend half as much time to achieve the same result.
- Optimal Investment - University Project** | *Python, Transformers* Feb. 2024 - current
- Wrote RSS Parser from RBC and Finam, collected historical data
 - Fine-tuned BERT tokenizer to predict sentiment of news on historical dataset

Education

- Moscow Institute of Physics and Technology** 2021 - 2025
Bachelor of Applied Mathematics and Computer Science Moscow
- Phystech-Lyceum (top 5 STEM school in Russia)** 2019 - 2021
High School (Informatics Major) Moscow

Coursework

Courses: C++, Machine Learning, Probability Theory I and II, Statistics, Python, Data Analysis I and II, Algorithms & Data Structures, Databases, Discrete Math, Calculus, Linear Algebra (Major GPA: 3.61/4)

Projects

- ML Projects | *Python* 2024
- Storage for ML experiments and projects: PCA, ru-en NMT with transformer and other
- Deque | *C++* 2022
- My std::deque implementation with exception-safety written on templates
- Fractal Drawer | *C++, SFML* 2021
- Created fractal drawer of Julia sets that can save pictures by using C++ and SFML library
- Polynom Calculator | *C++, SFML* 2021
- Created polynom calculator with parser cancelling like terms that has interface where one can enter expression needed to calculate. Implemented using C++ for calculations and parser, SFML for interface

Achievements

- **Winner of All-Siberian olympiad in Mathematics**, 2021
- **Winner of regional stage of all-Russian olympiad in Mathematics**, 2021
- **Prize-winner of regional stage of all-Russian olympiad in Economics**(2021), **Informatics**(2019-2021), **Mathematics**(2019, 2020)
- **Prize-winner of "Phystech"** (2020, 2021), **"Lomonosov"** (2018), **"Highest Standard"** (2018, 2019, 2021)

Scholarships

- VK Education Scholarship** 2023
90 receivers out of 5000 applicants

Technical Skills

Programming Languages: C++, Python 3, JavaScript/TypeScript
Frameworks & Tools: Git, PostgreSQL, Bash, Django, React
Languages: English (advanced), Russian (native), Spanish (pre-intermediate)
Libraries: Numpy, Pandas, Matplotlib, Sklearn, Torch