Alexander Tryapitsyn

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Education

National Research University Higher School of Economics, BSc in Computer Science   **2019 – 2023**

Full tuition is covered by merit-based scholarship, GPA: 9.25/10, minor: financial markets

Work Experience

Senior software Engineer, Yandex   **03/2022 – now**

Responsible for Offers Matching in Yandex Products Search - help user compare prices from many shops using ML on unstructured web data

- Leading team of 5 engineers for ML, analytical and infrastructure tasks
- Made a breakthrough in products matching algorithms in Yandex
- Developing ML pipelines in Big Data scale - 1B+ Offers, 50M+ SKUs
- Working on scalable stable clusterization algorithms

Software Engineer, Yandex   **09/2020 – 03/2022**

Responsible for Products Search Quality and Stability in Foodtech apps - Flink and Jokr analogue

- Lead team of 5 engineers to create new Search Engine
- Managed to statistically significant improve Search Engine Page Result
- Increased total GMV of services

Responsible for Turbo Pages Quality - Google AMP analogue

- Managed to increase Yandex Turbo Pages quality by 2 times
- Automated Turbo Pages quality measurement system using crowdsourcing

Software Engineer Intern, Yandex   **02/2020 – 08/2020**

Department of infrastructure services

- Implemented an automated alerts configuration system for micro-service management framework
- Improved Python library for statistics gathering from Yandex services
- Developed unit and end-to-end tests in order to ensure smooth interaction between new and existing features

Projects

Author of two ChatBot projects for Yandex Alice ChatBot competition:

- **"Word Coach"** – English language trainer: project, GitHub, results: 2nd place out of 1500 projects
- **"Igroteka"** – digital playground for friends and family**:** project, GitHub, results: 1st place out of 300 projects

Achievements

- 8th place out of 400 teams in the student math contest sponsored by Tinkoff (2020)
- Winner (top 30 out of 20K+ participants) in Russian National Olympiad in math (twice) and physics (2018, 2019)
- 1st place in team competition in informatics in Penza region (2019)
- 1st place on a Hackathon in the biggest education center for gifted youth in Russia - "Sirius" (2018)

Skills

Coding: Python (numpy, pandas, PyTorch, etc.), C/C++, SQL, git

Languages: English - fluent, Russian - native

Other:

- Leadership: leading team at Yandex, assembled and led team in Yandex.Alice ChatBot competition
- Negotiation: succeeded in 5 out of 6 appeals on Russian National Olympiads in math and physics
- Teamwork: participated in computer science team competitions and hackathons (by Tinkoff, McKinsey etc.)

Interests

- Teaching and coaching: conducted 50+ free math and physics lessons for gifted high-school students; coached high-school student on project in physics (Mechanics of springs) for scientific projects contest - 1st award received on a region level