

SHATSKIKH MAKSIM

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📍 Saint Petersburg, Russia

🌐 maxfancheak

EXPERIENCE

Data scientist

Octavian Game Art

📅 Jan 2024 - Feb 2025

📍 Saint Petersburg

Data scientist

Huawei

📅 Jan 2023 - Oct 2023

📍 Saint Petersburg

Researching data about work of HarmonyOS. Hypothesizing, optimizing the operation of the OS as a whole and various metrics of operations separately. Also worked with data compression models.

Some benefits:

- Optimized the Intrusion per Cycle, achieving a 3-17% CPU performance boost.
- Reduced power consumption by 5-8%, extending battery life.
- Improved frame rates by 3-4 in resource-heavy apps.
- Optimization results validated in apps such as TikTok, Genshin Impact, Honor of Kings (HoK) and Taobao.

"Data" Stack:

Python Pandas Matplotlib statmodels SQLite MySQL
Sklearn Android Tools

Stack for system integration:

- C/C++/Rust/Go/Linux

Research Engineer

JetBrains

📅 Oct 2022 - Jan 2022

📍 Saint Petersburg

- Optimized the *DSU-based algorithms on IDEA
DSU - Disjoint set union

PROJECTS

Lovely YouTube comment filter

<https://github.com/MaxFanCheak/model-text>

📍 Python

- Parsing comments from YouTube-link and model selects the positive and lovely ones from them.

Parser generator

<https://github.com/MaxFanCheak/grammar-parser-generator>

📍 Java

- Generates a parser based on grammar of the language.

COMPETITIONS



ICPC 1/4, top 8% Ozon E-Cup(Product matching), Global Data Compression Competition 2021, Moscow Mathematics Olympiad

STRENGTHS

Python statsmodels Jupyter Pandas
matplotlib Seaborn/Plotly MySQL
PostgreSQL PyTorch Greenplum
Tableau Math statistics scikit-learn
Git/GitHub CI/CD xgboost catboost
Algorithms SciPy Probability theory
Linux/Bash Docker Excel A/B-testing
C/C++/Java Machine learning Data analysis
Optimization methods Swift/iOS Graphs
Discrete mathematics Linear algebra
Math analysis Haskell/Functional Programming
System programming Compression data
Operation systems Translation methods

EDUCATION

Bachelor of Computer Science

ITMO University

📅 Sep 2020 - Jun 2025

Computer science

Higher College of Computer Science

📅 Sep 2018 - Jun 2020

LANGUAGES

English



QUALIFICATIONS

LLM

VK

📅 Sep 2024 - Now

Recommender Systems

VK

📅 Feb 2023 - May 2023