

# SHATSKIKH MAKSIM

✉ maxfancheak2002@email.com

☎ +7-931-990-70-58

📍 Saint Petersburg, Russia

🌐 maxfancheak

## EXPERIENCE

Data scientist

**Octavian Game Art**

📅 Aug 2024 - Feb 2024

📍 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