

SHATSKIKH MAXIM

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📍 Saint Petersburg, Russia

🌐 maxfancheak

EXPERIENCE

Work

Huawei

📅 Jan 2022 - Sep 2022

📍 Saint Petersburg

Researching a data about the work of HarmonyOS, hypothesizing, optimizing the operation of the OS as a whole and various metrics of its operation separately (IPS, Power consumption, etc.). He also worked on data compression algorithms.

Stack for working with data:

Sklearn/PyTorch/Pandas/Matplotlib/SQLite/Android Tools

Stack for system development:

C/C++/Rust/Go/Linux

Internship

JetBrains

📅 Oct 2020 - Jan 2021

📍 Saint Petersburg

Optimized the *DSU-based algorithms in Java/Kotlin systems.
*DSU - Disjoint set union

PROJECTS

Computer Vision

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

📍 Python

- Simple CV model

Lovely comment filter

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

📍 Python

- Model checks the comments and selects the positive and lovely ones from them.

Parser generator

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

📍 Java

Generates a parser from this language in java based on the grammar of the language.

Yandex SHAD

<https://github.com/MaxFanCheak/shad-rust>

📍 Rust

Yandex SHAD Rust course.

MOST PROUD OF



Global Data Compression Competition
2021 and Russian National olympiads



Violet on CodeForces

STRENGTHS

Python

Jupyter

Pandas

matplotlib

SQL

MySQL

Postgres

statmodels

sklearn

Bash

Linux/MacOS/Android utils

Git/GitHub CI/CD

Mathematical statistics

Algorithms and data structures

Probability theory

C/C++/Rust/Java/Go

Swift/IOS

Haskell/Functional Programming

System programming

Optimization methods

Linear algebra

Graphs

Math analysis

Discrete mathematics

Compression data

Operation systems

Translation methods

Data analysis

EDUCATION

Bachelor of Computer Science

ITMO University

📅 Sep 2020 - Jun 2024

Computer science

Higher College of Computer Science

📅 Sep 2016 - Jun 2020

LANGUAGES

Japanese

English

Russian



QUALIFICATIONS

Data Analysis

VK

📅 Sep 2020 - Jan 2021