

Sameer Tantry

Junior C++/Python Developer

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Moscow, Russia

<https://github.com/samthingswrong>

SUMMARY

Junior C++/Python developer with experience working on own projects.

Deep knowledge of algorithms and data structures. Experience of web scraping and data analysis. Taking part in programming competitions.

Familiar with computer architecture and operating systems

Languages : Russian , English (speaking , writing B2)

EDUCATION

B.S. in Applied Mathematics and Computer Science

Moscow Institute of Physics and Technology

Ongoing Moscow, Russia

PROJECTS

Parsers implementation

11/2021 - 12/2021 MIPT

<https://github.com/samthingswrong/Formal2021Practice>

Practice in the implementation of language parsing algorithms specified by CFG and regular expressions

- LR-parser
- CYK algorithm
- Earley algorithm
- NFA/DFA/CDFA

Strategy game

04/2021 - 05/2021 MIPT

https://github.com/Botar-boo/Nedofivts_Project

Development of a game in team of 3 people

- Took on a leadership role
- Improving of teamwork skills
- Improving of development skills in C++
- Setting CI/CD and unit tests
- Taking part in all development phases: design, implementation, testing, CI/CD

C++ Set

12/2021 MIPT

<https://github.com/samthingswrong/MyLibrary/tree/Set>

Implementation of Set from STL based on AVL-tree

SKILLS

Programming

Python C++ C Assembly

Numpy Pandas Scipy

Matplotlib Seaborn Requests

Beautiful Soup SQLite Pygame

DevOps

Git Github Actions Googletest

CMake Docker YAML LaTeX

Data Skills

MySQL PostgreSQL SQLite

Numpy Pandas

IDE

CLion PyCharm VisualStudio

Vim XCode VS Code DataGrip

STRENGTHS



Quick Learner

I can quickly absorb new knowledge and apply them in practice.



Diligence

I don't give up any even toughest goals.



Accountability

I take ownership of my mistakes. By doing that I learn what I did wrong so that it does not happen again.

PROJECTS

Data structures

📅 2021 📍 MIPT

Implementation of several data structures

- Treap
 - Implicit treap
 - AVL-tree
 - Splay-tree
 - Segment tree
 - Fenwick tree
 - Sparse table
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Telegram-bot

📍 MIPT

🔗 <https://github.com/samthingswrong/Cochrane-news-bot>

Telegram-bot that pulled news and research articles from a medical magazine with maintaining database of users and subscribers

Clicker

📍 MIPT

🔗 <https://github.com/samthingswrong/ClickerGame>

Simple clicker game