Dmitry Inyutin

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Work experience

Software Developer at Yandex   **Since summer 2019**
Work as backend developer at the video streaming department.

Assistant at MIPT
Work as backend developer at the video streaming department.   **Spring 2019/2020**

Education

Bachelor in Applied Mathematics and Computer Science   **2016-2020**
Moscow Institute of Physics and Technology,
Department of Innovation and High Technologies.

Knowledge of programming languages

Python   **2016-2020**
The language I know best, 2+ years of experience.
Familiar with aiolibs

C++
Actively use it for educational projects. Familiar with standard containers and synchronization primitives.

Also experienced in Java, JavaScript and Go.

Projects

Aiohttp-retry
Simple retry client over aiohttp. This package available on PyPi.

CASPaxos
CASPaxos is a distributed register without a log.
The main idea of CASPaxos is an attempt to replicate the state of the register, not the log. I wanted to figure out how it works and wrote my little implementation.

ViBoard
The project that grew out of hackathon. It was a video service where all the data was stored distributed on the IPFS network. We tried to build a community based economy. Every day a certain number of new coins, which were distributed to the most active users in a day, appeared.
We supposed coins cost would to be ensured by the popularity of the platform, but the project didn't took off.

TinyFileSystem
Toy file system model. All the information is stored in one file and access to it is provided through a special application-interface. I have implemented all the basic commands for working with folders and files.

Participation in hackathons

Cryptobazar, Moscow, September - December 2018   **Winner**
Various applications related to blockchain: pair encryption,
mobile crypto-wallet, virtual machine for WebAssembly.