



Dmitry Inyutin

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Education

Bachelor in Applied Mathematics and Computer Science

2016 - 2020

Moscow Institute of Physics and Technology, Department of Innovation and High Technologies.

Work experience

Intern at Yandex

Current

I work as backend developer at the video streaming department.

Assistant at MIPT

Spring 2019

I helped on the course "Theory and Practice of Concurrent Computing".

I checked students' homeworks and explained misunderstood at seminars and lectures.

Intern at JetBrains

Summer 2018

I worked on a new product — web-based data analysis environment.

I made the online code editor more friendly and convenient for mobile devices.

Knowledge of programming languages

Python ★★★

That's the language I know best.

I use it at work and for writing small programs, scripts.

Familiar with asyncio, pygame and main math libraries.

C++ ★★★

I actively use it for educational projects.

Familiar with standard containers and synchronization primitives.

Java ★★

I Worked with Java GWT and wrote a small backend on the Spring Framework.

Also I wrote several small Android apps.

JavaScript ★★

I Wrote a small server for blockchain application on NodeJs.

Go ★

I implemented a toy version of CASPaxos - Replicated State Machine without logs.

Additional

Blockchain
Tools

Worked with Ethereum API (web3js) and wrote applications using this technology.
Git, Linux

Participation in hackathons

Cryptobazar, Moscow, September - December 2018 Various applications that somehow related to blockchain: pair encryption, mobile crypto-wallet, virtual machine for WebAssembly.	Winner
Phystech.Genesis, Moscow, September 2018 Android application for tourists, which finds interesting routes.	Winner
Global Changers 2, Moscow, March 2018 Web service that creates interactive Customer Journey Maps.	Winner
Birth.Hack, Moscow, April 2018 Web site where users can watch sports matches together using video chat.	Participant
Global Changers 1, Moscow, March 2018 Video platform that encourages users for their social activity (uploading videos and comments).	Winner
mABBYlity, Moscow, October 2017 A small telegram-bot, which according to the photo of the barcode of the product shows customer reviews and prices in the nearest stores.	Participant

Projects

ViBoard

A project that grew out of hackathon Global Changers 1. 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 there appeared a certain number of new coins, which were distributed to the most active users in a day. We supposed coins cost would be ensured by the popularity of the platform, but the project didn't took off.

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.

MakeGood

A very small python script that cheers up by showing a positive and funny picture.