



Dmitry Inyutin

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Education

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

2016 - 2020

Work experience

Intern at Yandex

Work as backend developer at the video streaming department.

Current

Assistant at MIPT

Assisted with the "Theory and Practice of Concurrent Computing" course.
Reviewed students' homework and clarified concepts from seminars and lectures.

Spring 2019

Intern at JetBrains

Improved the mobile user experience for the online code editor.

Summer 2018

Knowledge of programming languages

Python ★★★

Currently work on distributed high-loaded service using Python.
Wrote small game and some scripts.
Familiar with asyncio, pygame and main math libraries.

C++ ★★★

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

Java ★★

Worked with Java GWT and wrote a small backend on the Spring Framework.
Created several small Android apps.

JavaScript ★★

Wrote a small server for blockchain application on NodeJs.

Go ★

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.