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

Assistant at MIPT
I help on the course "Theory and Practice of Concurrent Computing".
I check students' homeworks and explain misunderstood at seminars and lectures.

Spring 2019

Intern at Jetbrains
I worked on a new product — web-based data analysis environment.
I made the online code editor more friendly and convenient for mobile devices.

Summer 2018

Knowledge of programming languages

C++ ★★★
I actively use ir for educational projects.
Familiar with standard containers and synchronization primitives.

Python ★★★
Constantly use for writing small programs, scripts.

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

Participation in hackathons

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

Phystech.Genesis, Moscow, September 2018   Winner
Android application for tourists, which finds interesting routes.

Global Changers 2, Moscow, March 2018   Winner
Web service that creates interactive Customer Journey Maps.

Birth.Hack, Moscow, April 2018   Participant
Web site where users can watch sports matches together using video chat.

Global Changers 1, Moscow, March 2018   Winner
Video platform that encourages users for their social activity (uploading videos and comments).

mABBYYlity, Moscow, October 2017   Participant
A small telegram-bot, which according to the photo of the barcode of the product shows customer
reviews and prices in the nearest stores.

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.