MELNIKOV IGNAT

Student Developer,Programmer

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EDUCATION

Moscow Institute of Physics and Technology

📅 Sept. 2019 – Present   ⚲ Dolgoprudny, Russia

- Bachelor of Applied Mathematics and Physics

TECHNICAL SKILLS

C/C++, Network Programming

Java, Android Devlopment

Backend Development+API Interfacing

Multithreaded Programming

Probability Theory

Linear algebra

Blockchain

Cryptography

Unix

SOFTWARE SKILLS

- SQL
- Linux OS, POSIX, System 5
- C/C++
- Python
- Java
- Solidity
- TeX/LaTeX

SKILLS INTERESTS

Languages:
- Intermediate in English

Sports:
- Break Dance
- Skating
- Gymnastics

Interests:
- Decentralized Applications
- Telecom
- Physics
- Ride a motocross bike

MOTIVATION

I have little experience in industrial programming, but I want to start participating in large projects. I like complex systems and have a desire to understand them. I am fascinated by complex databases such as blockchain, distributed hash tables, DAG networks, and there is a great motivation to study this further.

PROJECTS

P2PChat

In process
- Modern version of FireChat, building secure Mesh networks on the Android platform
- Java, Android Development

Parallel computation of integrals

In process
- Parallel computation of the integral on several computers with a linear increase in speed with increasing cores on computers.
- C, Unix

Small analytical geometry library
- C++

ParaCL
- Your Turing complete programming language
- C++

Calculation of electrical circuits
- Calculation of electrical circuits consisting of voltage sources and resistors
- C++

AVL Tree
- C API for AVL Tree

COURSES

- C++, Intel
- C++, Yandex
- Cryptography I, Stanford University
- Bitcoin and Cryptocurrency Technologies, Princeton University
- Telecom, Institute for Data Transmission Problems