Ivan Glushenkov

ABOUT

Entrepreneur. Multiple hackathons prizewinner. Interested in project management, personal development, IoT, and software engineering.

My strong points are team leadership and communication talent.
I speak four languages, Russian, English, German and Spanish.

EDUCATION

2016—present	**Moscow Institute of Physics and Technology**, Department of Innovations and High Technologies
2014—2016	School 179, best math and physics school in Moscow
2006—2014	Goverment Capital Gymnasium

AWARDS

Mostly as a team leader and hustler I formed teams and we won a number of hackathons across the world.

2019

- Awesome Award on Awareness in Secure the Future, Junction 2019, Finland, biggest european hackathon
  I was idea generator, customer development guy and presentor.

- 1st and 2nd places in South Korea Crypto Bazar GRAND FINAL
  benchmarking and debugging tools (C++), I was a speaker and a team lead.

- Grand prize in "Hackathon Bremen" in Germany for the BEST PITCH
  We did and IoT (arduino + raspberry) based car managing system (Computer Vision). I was a speaker and delivered the best pitch in a foreign language.

- 2st place in "Diversity.Hack"
  Smart document versions merging system (Angular + Python)

- 1st place in "BE5Hackdays" hackathon in Munich, Germany
  skyscrapers predictive cleaning system, Desktop app (Java) + Model (Arduino + sensors) + Predictive system (ML). I was an IoT engineer and team leader.

- Mentorship of two teams at "CryptoBazar Serial Hacking: December" that took 2nd—3rd places
  Blockchain transactions graph visualizer (d3.js + python) and Atom IDE extension for calculating Smart Contract complexity and gas usage (Javascript)

2018

- 1st place in "CryptoBazar Serial Hackathon: November"
  LLVM IR interpreter with register-based VM (C++) and Web IDE (Javascript + Java)

- 3st place in "CryptoBazar Serial Hackathon: October"
  PoC software raytracer using Intel SGX (C++)

- 1st place in "CryptoBazar Hack"
  Smart Home sub-scale model (Arduino + Raspberry PI + sensors) with web app (Flask + Vue.js) based on Metahash blockchain (Python + Metahash API). I was an IoT engineer, Speaker and team leader.

- 1st place in "Phystech.Genesis" hackathon
  Android mobile application for travelers with famous places (Java + Naviaddress API)

- 1st place in "IDACB & CryptoBazar hackathon"
  Secure chat based on proxy re-encryption protocol, Mobile application (Java) + backend (Python + C)

- 1st place in "Global Changers" hackathon
  Bot system to support Megafon clients (Telegram API, Python)

2017

- 4th place in "LAToken hackathon"
  Smart contract for tokenization of different kinds of assets (Solidity)

PROJECTS

As a CEO I run a software consultancy and we do some cool open-source software projects like:

- isekai
  Designed and developed an LLVM IR translator to Arithmetic Circuit representation for Sikoba Research.
  Technologies: Crystal, Bash.

- liboffkv
  Contracted with Offscale.io we designed and developed next level of abstraction for three distributed KV Storages (ZooKeeper, etcd, ppconsul). Contribution to Apache Mesos is coming.
  Technologies: C++, Travis CI, Rust, Go, Java

- Fantom.Foundation
  We did a proper research of consensus and developed a new bombarding tool to calculate TPS and TTF metrics.
  Technologies: C++, Travis CI, Bash, Docker

EXPERIENCE

2020 April-Present **Obfuscare**, co-founder, CEO

- Managed development of proof-of-concept of next-generation obfuscator

- Worked with LLVM IR and WASM binary format

2019 May-Present **Phystech.Genesis**, co-founder, CTO

- Turned pains of our clients into hackathon tasks

- Managed and tracked teams to solve these tasks properly

2019 Aug-Nov **Russian Hack Team**, founder, captain

- Selected 30 best IT guys from 2000 applications, russianhackteam.com

- Trained and led them during three 3-days training sessions

- Formed teams and won 3 Internation hackathons as a team lead and speaker

2019 May-Aug **Digital Breakthrough**, technical expert, organizer

- Organized 5 hackathons in different cities

- Instructed volounteers and other organizers how to held a hackathon

- Provided technical support for participants

2018 May-Aug **IDACB Fund**, development manager

- With two developers designed and developed an aggregator for ICO projects

- Created two internal services.

- Used Flask, Vue.js, HTML+CSS+JS

Technical Skills

2020, Java : Docker+Kubernetes+Ansible+Graphana+Prometheus pet project
2019, Java : Pure language, ClassLoaders, Proxy, Generics, Concurrency, Patterns, SOLID, OOP
2016 - 2019, C++ : Algorithms and Data Structures, Concurrency Computing and Multiprocessor Programming
2018, C : Computer Architecture - Operating Systems
2014 - 2016, Python : different experiments
On the base level: Go, HTML + CSS + JavaScript, PostgreSQL

References

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