

RAED ROMANOV

Birth: 21.12.1998

@ raid_r@mail.ru

☎ +7-916-016-7442

🐙 github.com/raid-7

in linkedin.com/in/raed-romanov-3b1a25188/

EDUCATION

Applied Mathematics and Physics, BSc

Moscow Institute of Physics and Technology

📅 2016-2020

Phystech School of Applied Mathematics and Informatics

- Computer Science: C++, Python, algorithms and data structures, concurrent programming, distributed systems, OpenGL
- Mathematics: calculus, linear algebra, probability and statistics, discrete mathematics

Thesis: Real-time Collaborative Editing of Neural Networks

Average grade: 8.8/10

EXPERIENCE

Software Engineer

📅 May-July 2019

offscale.io

Project: [liboffkv](#)

With a team of three developers I have designed and implemented a C++ library providing a uniform interface for three distributed key-value storages: ZooKeeper, etcd and Consul KV.

Intern Software Engineer

📍 Moscow 📅 Summer 2018

JetBrains

Project: Distributed file system

As a member of the [Delightex](#) team I have developed a client-server file system, which can be deployed on multiple servers and consistently provide [CoSpaces Edu](#) users with access to their data.

AWARDS

Telegram VoIP Contest Round 1

📅 November 2019

3rd place

I have created a C++ application for testing and rating the quality of VoIP calls.

Junction Hackathon

📅 November 2019

Challenge winner

We have created a voice diary with emotion recognition for children. I was working on the Android application.

All-Russian School Programming Contest

📅 April 2016

Awardee

PERSONAL PROJECTS

[Network replay system](#)

I have created a system which runs a number of processes in an isolated network environment and records or replays TCP traffic between these processes using Linux virtual network devices. The application brought my team the first place on CryptoBazar Serial Hacking Grand Final.

[Replicated representation for neural networks](#)

I have developed a middleware for replicated representation of neural networks. It is intended to provide visual neural network editors with the real-time collaboration feature. The representation is based on commutative replicated data types.

SKILLS

Technical

- **Programming languages:** C++, Kotlin, Java, Python
- **Knowledge:** algorithms and data structures, concurrent programming, distributed systems, system programming
- **Others:** SQL, Git, Docker