Vladimir Rachkin

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PROFILE

A student who has been interested in programming and everything related to it since childhood. I'm constantly trying to learn something new.

EDUCATION

Saint Petersburg State University
Bachelor of Computer Science
Saint Petersburg, Russia
Sep. 2020 – Present

Physics and mathematics class of SFU in Lyceum 7
High School
Krasnoyarsk, Russia
Sep. 2018 – June 2020

SELECTED PROJECTS

- **UnELFer**: Disassembler for RISC-V. An university assignment written in **C++**.
- **Yenisey**: Base for videogame engine in development written on **C++** with **OpenGL**. Created as university assignment.

- **Lambda Calculus**: A program that can β-reduce lambda terms and check their $\alpha\beta$-equivalence. An university assignment written in **Haskell**.
- **Formula Normalizer**: A simple program that translates formulas into some normal forms. An university assignment written in **Haskell**.
- **Olympiad results email sender** : Tool that sends out the verified works to the participants via e-mail. A task from organizer of the ROI-regional written in **C++ with QT**.
- **PaperWar**: Online web-game, with two teams fight for generator. Main feature: only one stat - power, witch uses as for regeneration as for shooting. My project written in **NodeJS**.

EXPERIENCE

Internship in Yandex
Intern
Saint-Petersburg
2022

ACADEMIC ACHIEVEMENTS

All-Russian School Olympiad in Informatics
2nd degree diploma in finals. There are usually several million participants over all the stages.
Russia
2020

Open Olympiad in Informatics
Finalist.
Moskow, Russia
2020

Open Olympiad for Schoolchildren "Information Technologies"
Winner.
Russia
2019

Kvantoriada-2017
Finalist.
Skolkovo, Russia
2017

World Robot Conference
Participant.
Bejing, Chinanda
2015

Russian Robot Olympiad
2nd degree diploma in finals.
Innopolis, Russia
2015

PROGRAMMING SKILLS

- **Languages**: C, C++, Haskell, Python, JavaScript, SQL, OpenGL

- **Skills**: Basic of Data sctructures; Software Optimization, Software Design

EXTRACURRICULAR ACTIVITIES

Member of the organizing committee of the regional stage of the ROI
Basically, scanning and sending verified works to participants. Also assistance in organizing.
Winter 2021