Vladimir Rachkin

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EDUCATION

- **School of data analysis (Yandex)** — Saint Petersburg, Russia
  Machine learning — *Sep. 2022 – Present*

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

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

SELECTED PROJECTS

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

- **RooMKN**: Room booking service for institute. **Kotlin** + **NodeJS/React**. University team project.
- **UnELFer**: Disassembler for RISC-V. An university assignment written in **C++**.
- **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**.
- **Phoenix Proof**: TLA+ specification for Phoenix Vault smart contract. **TLA+**

EXPERIENCE

- **Internship in Yandex** — Saint-Petersburg
  MySQL database modification — *2022*

- **Internship in ABS** — Krasnoyarsk
  Addon for 1C-Accounting — *2018*

PROGRAMMING SKILLS

- **Languages**: C, C++, Haskell, Python, JavaScript, SQL, Rust, Kotlin, Go

- **Technologies**: OpenGL, OpenCV, OpenCL, PyTorch, React, Docker, 1C

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*

ACADEMIC ACHIEVEMENTS

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

- **Open Olympiad in Informatics** — Moskow, Russia
  Finalist. — *2020*

- **Open Olympiad for Schoolchildren "Information Technologies"** — Russia
  Winner. — *2019*

- **Kvantoriada-2017** — Skolkovo, Russia
  Finalist. — *2017*

- **World Robot Conference** — Bejing, China
  Participant. — *2015*

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