

# Pavel Balay

<https://github.com/Bupaheh>

Email : pavel.balai@gmail.com

Mobile : +7-919-005-99-67

## EDUCATION

---

- **Saint Petersburg State University**

Saint Petersburg, Russia

*Bachelor of Computer Science; GPA: 4.73*

2020 – Present

## PROJECTS

---

- **Chartographer**

*Service for editing large BMP images. Java*

- **Huffman Archiver**

*This project contains an archiver that uses the Huffman algorithm. C++*

- **Wikipedia Statistics**

*Multithreaded program that collects different statistics from Wikipedia pages. Kotlin*

- **Chat**

*Simple chat. Kotlin, Ktor*

- **Normal Forms Converter**

*This project converts propositional formula into three normal forms: NNF, DNF, CNF. Haskell*

- **BMP Handler**

*This project allows you to rotate and crop BMP images. C*

- **Hard Disk Performance Benchmark**

*Small project for benchmarking your hard disk write and read speed. Kotlin*

## ACHIEVEMENTS

---

- **SPbU Olympiad for School Students in Informatics**

*2nd degree diploma in finals.*

2020

- **Lomonosov Olympiad for School Students in Informatics**

*2nd degree diploma in finals.*

2019

- **Lomonosov Olympiad for School Students in Informatics**

*Finalist.*

2020

- **Moscow Olympiad in informatics**

*Finalist.*

2020

- **Individual Olympiad for School Students in Informatics and Programming**

*Finalist.*

2020

- **Olympiad for School Students "The highest test"**

*Finalist.*

2020

## PROGRAMMING SKILLS

---

- **Languages:** Kotlin, Java, C/C++, Haskell, SQL

## EXTRACURRICULAR ACTIVITIES

---

- **Summer School Teacher**

*Teaching informatics and programming in LMSH*

*Summer 2021*