

# Pavel Bezborodov

## Curriculum vitae

### WORK EXPERIENCE

DECEMBER 2019 – PRESENT

Yandex, Russia, Saint-Petersburg

#### *Software Engineering Intern*

Internship in a group of delivery and quality analysis of source data. Improved storage usage in a very large distributed logger system. Participating in the development of data transfer service, which replicates data from one to another database. Was responsible for improving existing replication directions and added new (MySQL, YandexDB). Created regression tests system for such service.

**Keywords:** Golang, PostgreSQL, MySQL, Databases, Distributed systems

SEPTEMBER 2018 – NOVEMBER 2018

Synopsys, Russia, Saint-Petersburg

#### *Compiler Intern*

Participated in testing and optimizing SMS (Swing Modulo Scheduling) algorithm implementation for software pipelining in local LLVM & Clang branch

**Keywords:** C++, Compilers, Clang, LLVM, ARC, Low-level programming

JUNE 2018 – AUGUST 2018

Reddle, Russia, Saint-Petersburg

#### *Single Project Django Developer*

Architect and implemented back-end for ventilation and heating scheme configurator (Autodesk Drawings and PDF editing and concatenating). Participated in designing a website wrapper for the configurator. Coordinated other interns, who created modules for it.

**Keywords:** Python, Django, Back-end, Software Architecture

### SELF-MOTIVATED PROJECTS

#### *qWanderer* [C++]

Fast directory scanner with fast substring search inside all files. Prepares directory with caching all trigrams inside and searches only with possible files containing all trigrams of the needle. GUI implemented on Qt.

#### *Huffman coding* [C++]

Very fast library implementation of Huffman encoding/decoding with huge files parsing (bigger than RAM) and console utility for simple usage

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🌐 www.github.com/hazzus

### EDUCATION

2017 – 2021 **Applied mathematics and informatics**

BACHELOR OF SCIENCE

*University of Informational Technologies, Mechanics and Optics, Saint-Petersburg, Russia*

See my university repo

### CERTIFICATIONS

2015 **FCE Cambridge Exam**

*Approved B2 level*

### COMMUNICATION SKILLS

RUSSIAN Native speaker

ENGLISH C1. Advanced

### SKILLS

ADVANCED IN C++, Algorithms and Data Structures, git, shell, Linux, Golang

INTERMEDIATE Python, SQL (PostgreSQL, MySQL), Boost

BASIC LEVEL Windows, Haskell, Java, Kotlin,  $\LaTeX$

SOFT SKILLS Non-conflict, confident, stress-proof, fast learning, ready to work in team