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

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, Qt, Boost
INTERMEDIATE	Python, Golang, Kotlin, SQL
BASIC LEVEL	Windows, Haskell, LaTeX
SOFT SKILLS	Non-conflict, confident, stress-proof, fast learning, ready to work in team