Pavel Bezborodov
Curriculum vitae

WORK EXPERIENCE

SEPTEMBER 2019 – PRESENT

INCOEL, Russia, Saint-Petersburg

Junior Software Developer

Developing of optimized high-loaded system for smart traffic light control: building multi-process kernel for controlling modules communication on IPC implemented with shared GPU buffers based on Wayland and Qt.

Keywords: C++, GPU, Qt, Highload

SEPTEMBER 2018 – NOVEMBER 2018

Synopsys, Russia, Saint-Petersburg

Compiler Intern

Tested and improved 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-Peterburg

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 configurator. Lead the team of developers, who created modules for the editor.

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

✍ | Vyazemsky street, 5-7
Saint-Petersburg, Russia

☎ | +7 (911) 8197188

✉ | p.a.bezborodov@gmail.com

⚡ | 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, Django
INTERMEDIATE	Python, Java, Kotlin, HTML/CSS
BASIC LEVEL	Windows, PostgreSQL, Haskell, JavaScript, LaTeX
SOFT SKILLS	Non-conflict, confident, stress-proof, fast learning, ready to work in team