Pavel Bezborodov
Curriculum vitae

WORK EXPERIENCE

Keywords: C++, GPU, Qt, Highload

SEPTEMBER 2018 – NOVEMBER 2018

Synopsys, Russia, Saint-Petersburg

Compiler Intern

Participated in testin 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-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. 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, 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