ALEXEY DAVLETSHIN

C/C++, Python and Swift developer

Dolpogrudny, Russia   @ naylrush@gmail.com   naylrush   naylrush   +7 (963) 633-61-05

EDUCATION

Moscow Institute of Physics and Technology (MIPT)
Bachelor of Applied Mathematics and Informatics

2018–2022   Dolgoprudny, Russia

- **Phystech School of Aerospace Technology**, Zhukovsky, Russia — Fall 2018 - Summer 2019
- **Phystech School of Applied Mathematics and Informatics**, Dolgoprudny, Russia — Fall 2019 - Summer 2022

Studied courses:

- Algorithms and Data Structures
- Computer Architecture and Operating Systems
- Concurrency
- Introduction to Data Analysis
- Probability Theory
- Maths: Calculus, Discrete Analysis, Algebraic Geometrty...
- General Physics: Mechanics, Thermodynamics and Molecular Physics

WORK EXPERIENCE

iOS Engineer Intern
COS&ht

July 2018 - August 2018   Dolgoprudny, Russia

- We learned Swift and developed on a internal navigation app with events.
- The map based on OpenStreetMap and what's connected with it are implemented by me.

PROJECTS

Maze Game
GitHub Link

- Console interactive version of the game on paper "Maze".
- Players step-by-step explore the field, carefully looking around, thinking where the traps are located, and trying to get to the exit before the opponents.

Django file navigator is based on FUSE
GitHub Link

- A simple file navigator on django.
- Based on FUSE which means you can realize custom file system.

Telegram Color Bot
GitHub Link

- Bot sends a 500x500 image with random xkcd or just random color or a color by HTML color code or name on xkcd, and can send the color of the day.

PROGRAM LANGUAGES

C/C++	● ● ● ● ●
Python	● ● ● ● ○
Swift	● ● ● ○ ○

KEY SKILLS

C/C++   Python   Swift

pandas   matplotlib   seaborn   STL   POSIX

Concurrency   ООП   Git   Linux

ACHIEVEMENTS

All-Siberian open school Mathematical Olympiad, II level
Prizewinner

May, 2018   Moscow, Russia

LANGUAGES

Russian (native)	● ● ● ● ●
English (B1)	● ● ● ○ ○

ABOUT ME

I have always wanted to be a programmer — this is my dream: even when I do not want to do anything, it is always a pleasure to write a couple of hundred lines of code.

My path to MIPT was not so easy: I managed to enter the DAFE, and only after a year to transfer to DIHT. Studing at the new place was not only much harder, but also much more interesting, and this is the only thing which spurred my desire to study.

On the DIHT there are lots of interesting and useful computer science courses, so I have experience in different fields. The most interesting courses were "Computer Architecture and OS" and "Concurrency".

You can view my projects and progress on courses on my GitHub page.