ALEXEY DAVLETSHIN

C/C++, Python and Swift developer

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

EDUCATION

Moscow Institute of Physics and Technology (MIPT)

**Bachelor of Applied Mathematics and Informatics
at Phystech School of Applied Mathematics and Informatics**

📅 2018–2022   📍 Dolgoprudny, Russia

Studied courses:

- Algorithms and Data Structures
- Product Analysis by Yandex.Taxi
- Concurrency
- Data Analysis, Mathematical Statistics
- Computer Architecture and OS
- Calculus, Linear Geometry and others

Coursera:

Profile

- Swift 5 iOS Application Developer [**Link**]
- iOS-developing: Swift, UI and Concurrency RUS [**Link**]

WORK EXPERIENCE

Assistant Engineer

Huawei HiSilicon Kirin CPU Russia

📅 August 2020 – ...   📍 Moscow, Russia

- Optimized CMake build of the project and the project component, which reduced the running time and reduced memory usage.
- Rewritten several tools in the Rust.

iOS Engineer

COS&ht

📅 July 2018 – August 2018   📍 Dolgoprudny, Russia

- I learned Swift and developed a b2b app that displays emergency events on the map.
- I implemented the OpenStreetMap map and the list of events which are the basis of the app.

PROJECTS

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

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Concurrency   ООП   Git   Linux

LANGUAGES

Russian (native)   ●●●●●
English (B2)   ●●●●○

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.