ALEXEY DAVLETSHIN

C/C++, Python and Swift developer

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EDUCATION

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

📅 2018–2022 📍 Dolgoprudny, Russia

- **Phystech School of Applied Mathematics and Informatics**, Dolgoprudny, Russia — Fall 2018 – Summer 2022

Studied courses:

- Algorithms and Data Structures
- Computer Architecture and Operating Systems
- Concurrency
- Introduction to Data Analysis
- Calculus, Linear Geometry and others, Probability Theory...

Coursera:
Profile

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

WORK EXPERIENCE

iOS Engineer Intern
COS&ht

📅 July 2018 – August 2018 📍 Dolgoprudny, Russia

- We 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 an essential part of the app.

Assistant Engineer
Huawei HiSilicon Kirin CPU Russia

📅 August 2020 – ... (October 2020) 📍 Moscow, Russia

- August: implemented a codestyle check when building the project, which instill developers the right style for writing code.

PROJECTS

Django file navigator is based on FUSE
GitHub Link

- A simple file navigator on django.
- Based on FUSE which means you can use it to show your own 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.

Maze Game
GitHub Link

- Console interactive version of the game on paper "Maze".
- A large educational project for the Python course.

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 (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.