Nikita **Ota**

JAVA, C++ DEVELOPER

☐ +7 (920) 040-62-25 | ✉ otanikita@gmail.com | ⬛ MrDonaldoWorking | ✈ Mr_Donaldo

"Be the best at what you really like to do."

Work Experience

Yandex LLC *Saint-Petersburg, Russia*

SOFTWARE DEVELOPER OF YANDEX.DELIVERY AND YANGO.DELIVERY *Jul. 2022 - Current*

- Responsible for courier timer metrics - debugging, visualising and alerting
- Maintainer of "Proof of Delivery" services: Photofixation, Scanner, Custom Instructions, Sms Confirmation

CT Laboratory *Saint-Petersburg, Russia*

BIOINFORMATICS RESEARCHER *Jul. 2022 - Sep. 2021*

- Investigated the basics of bioinformatics
- Sequenation metagenomes through R technologies and InSilicoSeq
- Analyzed metagenomes with k-mers through KMC3 and Metafast

Sitronics Group *Saint-Petersburg, Russia*

SOFTWARE DEVELOPER *Sep. 2021 - Jan. 2022*

- `https://github.com/MrDonaldoWorking/Sitronics-Noise`
- Investigated filtering process with buffer and proceeded Kalman filtering experiments
- Researched Kolmogorov-Zurbenko filter applied to Quaternions

Projects

Picture edition tool *Saint Petersburg, Russia*

C++11 NATIVE *May. 2020*

- Rotations, mirror and auto brightness correction functionality.
- Drawing line with gamma correction and sRGB using Xiaolin Wu's line algorithm
- Picture dithering algorithms: ordered, random, Floyd-Steinberg, JJN, Sierra-3, Atkinson, Halftone with sRGB and gamma correction.
- Colour space transformations: RGB / HSL / HSV / YCbCr.601 / YCbCr.709 / YCoCg / CMY.
- `https://github.com/MrDonaldoWorking/Computer-Graphics`

Telegram Bots *Moscow, Russia*

PYTHON, GO, TELEGRAM API, VK API *Jan. 2017; Apr. 2023*

- Searching user friends photos: `https://github.com/Mr-Donaldo/sis_winter_2016_bot`
- Calendar and Notifications with privacy settings: `https://github.com/MrDonaldoWorking/calendar-bot`

Full Stack Application *Saint Petersburg, Russia*

REACT, NODE.JS, PLAYWRIGHT, MOCKITO, JAVA 11, SPRING BOOT, POSTGRESQL, DOCKER, GITHUB ACTION *Jan. 2022*

- Anime site with authentication
- `https://github.com/MrDonaldoWorking/Anime-site`

Intellij Idea Custom Language Plugin *Saint Petersburg, Russia*

JAVA 11, GRADLE, INTELLIJ PLATFORM PLUGIN *May 2021*

- Structural documents plugin with syntax highliting and different colors
- `https://github.com/MrDonaldoPublic/Custom-language-Intellij-plugin`

Programming Skills

Language	Java 11, C++20, Python3, JavaScript, C#, Bash
Knowledge	Algorithms, Data Structures, Computer Architecture, Concurrent Computing, Machine Learning basics
Technologies	GTest, Pytest, Git, LaTeX, JUnit, Playwright, Mockito, React, Spring, Sklearn, ANTLR, userver, Kibana, Grafana
Databases	PostgreSQL, MongoDB, SQLite, YDB, ClickHouse