

# DANIIL RUBIN

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## EDUCATION

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**BA in Computer Science**, NRU Higher School of Economics

September 2019 - Present

Major in Distributed Systems

Minor in Cyber Security

GPA: 6.6

**10-11 grades in 1 year (extern)**, Lyceum №1575

2018-2019

GPA: 5.0 / 5

## SKILLS

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**Languages** Python3, C, C++(STL)

**Libraries(Python)** requests, Selenium

**Tools** Git, Docker, Docker-compose, gdb, json, protobuf, grpc

**Soft Skills** Time Management, Communication, Problem Solving, Accountability

## PROJECTS

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**Music by mood Telegram bot** [Python, Yandex-Music API, pyTelegramBot API]

[GitHub](#)

- Created telegram bot to communicate with user
- Implemented RadioMood class to support mood selection in Yandex-playlists
- Used Yandex-Music API to fetch tracks

**Wikipedia path finder** [Python, curses, requests, RabbitMQ, docker-compose]

[GitHub](#)

- Created url path finder module to find paths between two urls in Python
- Used RabbitMQ to process user requests asynchronously
- Used JSON for request Serialization
- Implemented RPC over RabbitMQ
- Used curses to create console client interface

**Integration in SymPy using trigonometric substitutions** [Python, SymPy]

[GitHub](#)

- Implemented trig\_transform function in Class Integral to support trigonometric substitutions in SymPy
- Added debug feature to function
- Wrote docstring and examples of function usage

## HONORS AND SCHOLARSHIPS

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- Diploma with honor (middle school) 2019
- Medal for studying achievements (middle school) 2019

## LANGUAGES

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Russian (Native), English (Upper-intermediate), French (Basic)