

# 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: 7.2

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

2018-2019

GPA: 5.0 / 5

## SKILLS

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

**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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**Crypto-marketplace arbitrage monitor** [Golang, disgo]

[GitHub](#)

- Used channels and goroutines for fast monitoring
- Used disgo to send notifications to discord
- Wrote unit tests for methods

**System wide profiler storing data to ClickHouse** [C++, cmake, vcpkg, clickhouse-cpp]

[GitHub](#)

- Used cmake to build project
- Provided needed dependencies via vcpkg
- Used perf\_event\_open to collect hardware stats
- Used clickhouse-cpp library to work with ClickHouse

**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

## HONORS AND SCHOLARSHIPS

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- |   |      |
|---|------|
| • Diploma with honor (middle school)  | 2019 |
| • Medal for studying achievements (middle school)                           | 2019 |
| • Got 25% discount on studying costs for studying achievements (university) | 2022 |

## LANGUAGES

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