

Nikita Ilin

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OBJECTIVE

A programmer and traveler with a strong Olympiad math background. I had and have a lot of passion for fundamental fields: at school it was combinatorics and graph theory, then C++ and multithreading, right now I am making steps into software architecture and design. Alongside with it, I really like to compete (math diplomas make that clear) and have a lot of ambitions - sometimes it produces problems with idealism that I am working on but it also gives me enough power to have some unique impact on projects. The war and other circumstances have shaken up my biography, so my CV may seem strange, but still pretty interesting in my opinion)

EXPERIENCE

HFT NDA

Quantitative researcher

Oct 2023 - Jan 2024
Dubai, UAE

- Inventing high-frequency trading models

- Research hypotheses in python jupiter notebook with using standart libraries like Pandas, NumPy and Matplotlib

- Designing and porting a test model to C++ using a special internal framework for subsequent testing and improvement

Ethflow inc.

Software engineer

Apr 2024 - Feb 2025
Remote

- Providing a software for cryptocurrency trading

- Working with various smart contracts

- Designing and implementing microservices on Go language

4U Development (startup)

Software engineer

May 2025 - Current time
Remote

- Full refactoring of the core infrastructure on Go language

- Working with Telegram MTProto and low level client API, implementing own client

- Designing new methods of serving and processing updates

EDUCATION

High School of Economics, Moscow, Russia

BSc in Computer Science and data analysis

Sep 2023 - Current time
GPA: 8.07/10.0

Neapolis University Pafos, Paphos, Cyprus

BSc in Applied Computer Science granted by JetBrains

Oct 2022 - Aug 2023
GPA: 8.15/10.0

Presidential Physics and Mathematics Lyceum №239, Saint Petersburg, Russia

5th - 11th grade

Sep 2015 - May 2022
GPA: 4.06/5.00

Mathematical Center at the 30 and 239 Lyceums, Saint Petersburg, Russia

Additional education in Olympiad mathematics

Sep 2014 - May 2022

ACHIEVEMENTS

First prize

IMC - International Mathematics Competition for University Students

2023

Participant

NEERC (ICPC semi-final) from Cyprus ("Ungifteds" team)

2023

2000+ rating

CodeForces platform

2023

Prize-winner

All-Russian Olympiad of schoolchildren in mathematics for the 11th grade

2022

Prize-winner

All-Russian Olympiad of schoolchildren in mathematics for the 10th grade

2021

Participant

All-Russian Olympiad of schoolchildren in physics for the 9th grade

2019

Participant

Eight educational programs of the Sirius Educational Center

2017 - 2022

Many diplomas

Regional Olympiads in mathematics, physics, economics, computer science and e.t.c.

2019 - 2022

Many diplomas

Prestigious St. Petersburg City Olympiad in Mathematics

2016 - 2022

Many diplomas

All-Russian Euler and Maxwell Olympiads

2017 - 2019

TECHNICAL SKILLS

Main programming language: Go, C++

Other languages: Python, Rust, Kotlin, Assembler, PHP

Web Technologies: HTML, CSS, JavaScript

Miscellaneous: SQL, Redis, Git, Kafka, Shell, Latex

TECHNICAL KNOWLEDGE

Computer Science: Bases of Machine and Deep Learning, Data Structures and Algorithms, Multithreading, Computer Architecture

Mathematics: Discrete Maths, Probability and Statistics, Math Analysis, Linear Algebra, Olympiad Mathematics