

Nikita Ilin

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OBJECTIVE

CS student with strong knowledge in mathematics and programming. My main interests in math are combinatorics and graph theory, in computer science I have a huge experience in sport programming, my main language is a C++ and Python as a second language (more for research). Also I have some practice in databases, low-level programming, machine and deep learning, multithreading, web technologies and other areas of CS education. My skills are ahead of my grade because I study a lot at my own. Right now I want to get more real practice in backend development.

EXPERIENCE

HFT NDA

Quantative researcher

Oct 2023 - Jan 2024

Dubai, UAE

- Inventing high-frequency trading models
- Research hypotheses in python jupyter 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 - Current time

Remote

- Providing a software for cryptocurrency trading
- Working with various smart contracts
- Designing and implementing microservices on Go language

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: C++

Web Technologies: HTML, CSS, JavaScript

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

Miscellaneous: SQL, Git, Shell, Latex

TECHNICAL KNOWLEDGE

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

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