

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

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| HFT NDA - NDA | Oct 2023 - Jan 2024 |
| Quantative researcher | Dubai, UAE |
| <ul style="list-style-type: none">• 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 | |

EDUCATION

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| High School of Economics, Moscow, Russia | Sep 2023 - Current time |
| BSc in Computer Science and data analysis | GPA: 8.07/10.0 |
| Neapolis University Pafos, Paphos, Cyprus | Oct 2022 - Aug 2023 |
| BSc in Applied Computer Science granted by JetBrains | GPA: 8.15/10.0 |
| Presidential Physics and Mathematics Lyceum №239, Saint Petersburg, Russia | Sep 2015 - May 2022 |
| 5th - 11th grade | GPA: 4.06/5.00 |
| Mathematical Center at the 30 and 239 Lyceums, Saint Petersburg, Russia | Sep 2014 - May 2022 |
| Additional education in Olympiad mathematics | |

ACHIEVEMENTS

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| 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

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| Main programming language: C++ | Other languages: Kotlin, Assembler, Python, PHP |
| Web Technologies: HTML, CSS, JavaScript | 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