

ALEXANDER YUGAI

MATHEMATICIAN

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Institute	Faculty	Year	GPA
St. Petersburg Polytechnic University	Natural Science Lyceum	2019-2021	4.88
Saint Petersburg State University	Mathematics and Computer science	2021-present	4.15

PROFESSIONAL EXPERIENCE

- Natural Science Lyceum (Math teacher) [2024 - present]

TECHNICAL SKILLS

Programming	Python, C++
Mathematics	Probability theory, Discrete mathematics, Linear algebra
Computer science	Algorithms, Data structures
Languages	Russian(native), English(B2)
Tools	LaTeX, Jupyter Notebook, Wolfram Mathematica, Git

KEY COURSES UNDERTAKEN

Probability theory and Analysis

- Calculus, Probability, Markov's chains, Measure theory, Fourier transform, Differential equations, Complex analysis, Calculus of variations

Computer Science

- Turing Machines, Data Structures, Automata theory, Complexity theory, Algorithms, Linear programming

Algebra

- Vector spaces, Matrix theory, Category theory, Commutative algebra, Field theory, Group theory, Representation theory, Homology

ACHIEVEMENTS

- "Mathematical progression" scholarship [2022]
- Diploma 3rd degree of the Moscow Math Olympiad [2021]
- Diploma of the 3rd degree of the Lomonosov Tournament in mathematics [2021]