

DANILO BOLOTIN

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OBJECTIVE

I am actively interested in finance, trading and the use of mathematical statistics to extract profits from the markets. I am also interested in management and in general work related to interaction with people.

EDUCATION

Bachelor of Applied Mathematics and Informatics, Moscow State University Expected 2024

- Department of Mathematical Statistics

- *Relevant Coursework: Mathematical Analysis, Linear Algebra, Differential Equations, Probability Theory and Mathematical Statistics, Computer Systems, Operating Systems(UNIX), Machine learning for solving applied problems*

School of Quants, division of the School of Finance Expected May 2023

Relevant Coursework: Stochastic calculus, Rates&Credit, Equities&Commodities&FX

SKILLS

Technical Skills Python, C, C++, R, NASM Assembler

General DL/DS VectorBT, NumPy, Sklearn, Pandas

Tools Git, Linux

Communication English: B2, Russian: Native

PROJECTS

Backtesting: Backtesting of a trading strategy based on moving averages using VectorBT ([Github](#))

Option pricing models: A model of options pricing with ABM that tends to a long-term trend at a certain speed and model of option pricing with GBM. ([Github](#))

PCA analysis: Analysis of US bond yields by the principal component method([Github](#))

Python data analysis: Analysis of the statistics dataset of 20,000+ players in Left 4 Dead 2 using statistical methods and a regression model. Approximation of data distributions. ([Github](#))

EXTRA-CURRICULAR ACTIVITIES

• **Yandex Ambassador** 2023 - Present

I represent Yandex at the faculty and help students get internships

• **School of Quants Ambassador** 2022 - Present

I help students learn more about Quantum's career, as well as talk about school and studying in it

• **Actively participated in the organization of CMC Career Day**

Search for sponsors and help them with placement at the faculty

ACHIEVEMENTS

• Winner of the Rosatom Olympiad in mathematics 2020

• Winner of the Rosatom Olympiad in physics 2020

LEADERSHIP

• **Department for work with sponsors in the student union CMC MSU**

Head of 15 people team, which purpose is negotiations with sponsoring companies of the Moscow State University

• **CMC Student Committee**

Deputy Head of the student committee CMC MSU