

Sergey Petrakov

JUNIOR QUANTITATIVE RESEARCHER

Details

+7 903 265 78 79

sergeypetrakov@gmail.com

Links

[Github](#)

[LinkedIn](#)

[VK](#)

Skills

Python (numpy, pandas, matplotlib, sklearn) (ML)

R (Econometrics)

SQL

Microsoft Office

Languages

English (Pre-Advanced)

Deutsch

Hobbies

Music: Guitar

Art: Drawing

Sport: Football, Swimming,

Boxing, Ping pong

Sources of knowledge

University

Stepik

Coursera

Data camp

Python tutor

Profile

Most of the time I spent successfully studying in the First group of the faculty of Economics of Lomonosov Moscow state University.

Also, I did a lot of extra-curricular activities developing my hard and soft skills.

Internships and Assistance

Research Assistant for Machine Learning (Python), Stanford GSB - Venture Capital Initiative

September 2020 – Now

My goal is to use ML and NLP to improve database that contains venture capital financing contracts. Pulling the variables from the documents, finding errors in the existing coding, finding missing variables, making hyperparameter optimization, solving classification tasks, etc.

Tutor on course Methodology of economic and mathematical proofs Economics Faculty Lomonosov Moscow State University

September 2020 – Now

The main function is to help Kostrikin I.A. and Klachkova O.A. in carrying out tests, checking and evaluating works, as well as answering students' questions.

Internship at the Finance National Key Accounts Department, Coca-Cola HBC Russia, Moscow

July 2019 – August 2019

I had automated the monthly reporting process, improved the structure and usability of the sampling ordering tool, created the generation of automatic P&L statements and had been an active contributor to the setting up of the new variance analysis tool. I had also taken on parts of the financial business Partners' workload in composing plan-fact analysis presentations and determining and explaining the causes for variances.

Education

Bachelor, Lomonosov Moscow State University, Moscow

July 2017 – July 2021

Student of the first group at the Faculty of Economics, GPA = 4,9

Courses

Program in Quantitative Analysis, Center of Mathematical Finance

September 2019 – February 2020

International summer school of financial mathematics, Lomonosov Moscow State University

August 2019

[Link for my projects](#)

Hackathons, Competitions & Case Championships

Prohack, OK ML Cup, Kaggle competitions, Cup Russia Changellenge

Extra-curricular activities

TOP 33 in Econometrics Universiade

March 2020 – April 2020

Final in scholarship program «Surpass dreams», Troika dialog, Skolkovo

February 2020

Investment assessment course teacher for schoolchildren in Economics & Mathematics School at Lomonosov Moscow State University Faculty of Economics

October 2017 – April 2018

References available upon request