

# SAMUDIN ALIBI

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## Education

### HSE University, Moscow Campus

Aug. 2020 – Jun. 2024

*Have studied for 3 years for bachelor's degree in the Faculty of Mathematics, Mathematics program*

*Moscow, Russia*

## Research Interests

- Dynamical Systems
- Probability Theory
- Mathematical Analysis
- (i.e. Complex Analysis, Functional Analysis, etc.)
- Statistics
- Data Analysis
- Machine Learning
- Mathematical Physics
- Riemann Surfaces
- Algebraic Topology

## Job Skills

### Yandex Eats Intern Data Analyst

Jun. 2023 - Jul. 2023

- Worked on operational analytics within the Yandex.Eats environment. Participated in digitalization of courier hubs. Engaged in extensive big data analysis, providing actionable insights to improve operational performance.

## Experience

### Teaching assistant

*HSE University, Moscow Campus*

- Jan. 2022 – Jun. 2022

### Faculty of Mathematics' Math Camp Participant

*HSE University, Moscow Campus*

- Aug. 2019 – Sept. 2019

### Course: Data analysis in the industry

*Tinkoff, Moscow*

- Feb. 2023

## Projects

### Course Work | 1st year of study

Sep. 2020 - Jun. 2021

- Topology: the Degree of a Mapping of Circles and Path Homotopy

### Course Work | 2nd year of study

Sep. 2021 - Jun. 2022

- Classical Calogero-Moser Systems

### Research Work | 2st year of study

May 2022

- Researching of training deep learning model to understand PyTorch building blocks, implementing a basic CNN model in PyTorch for image classification

## Achievements

Olympiad "Phystech" Mathematics 3 degree diploma, Finalist

2018

Olympiad "Phystech" Physics 1 degree diploma, Finalist

2018

## Technical Skills

**Programming Languages:** Python, SQL.

**Technologies:** Algorithms & Data Structures, Hadoop, Pandas, Numpy, Matlab, MS Excel, Bash, Git.

**Developer Tools:** VS Code, XCode, PyCharm, Google Colab.

**Miscellaneous:** LaTeX.

**Languages:** Russian (native), English (advanced).