

Alexander Ermolenko

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EDUCATION

Saint Petersburg State University

Candidate for Bachelor of Science in Applied Mathematics and Control Processes

Concentration: Technologies of Programming

Relevant Coursework: Mathematical Analysis; Algebra; Methods of optimization; Introduction to AI

St. Petersburg, Russia

July 2023

GPA: 4.39

EXPERIENCE

F-lab

Team leader of the Data Science department

Saint Petersburg, Russia

July 2021-Present

- Develop four algorithmic and ML models on the topic of AI
- Manage the completion of these projects
- Research the existing algorithmic approaches to the comprehension of sound and text-style transfer
- Test those algorithms to determine the optimal approach
- Oversee the work of two interns that work on computer vision
- Report on the progress and development of the projects to the head office

HONORS AND ACHIEVEMENTS

Computer Science contest – Federal Hackathon

Winner of the contest

Russia

November 2021

- Won the prestigious Federal “Hackathon AI”
- Organized a group of young computer science professionals to participate in the competition
- Created an algorithm that allows the Russian Federal Service of Accreditation to determine the category of a good by its description
- Conducted a pitch sale to present the algorithm to a group of professionals from major Russian companies and universities, including Sberbank, Skoltech, and Moscow State University,

SKILLS AND INTERESTS

Computer programming: Advanced in Python; Advanced in C++; Good usage of R, R studio; Advanced knowledge of Machine Learning; Good knowledge of neural networks; Advanced knowledge of algorithms

Reporting programs: Advanced use of the LaTeX language; Advanced use of Microsoft Office

Math skills: Mathematical analysis; linear algebra; statistics and probability theory

Languages: Native Russian, Good command of the English language

Interests: Sports (football and judo); reading (classical literature, detectives, modern literature, and dystopia)