EFIMOV NIKITA

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EXPERIENCE

Python Basics
Yandex Handbook

July 2023 – August 2023

- Read all the paragraphs
- Solved 258 out of 260 tasks

Applied data analysis in the social sciences
Yandex Handbook

July 2024 – August 2024

- Read all the paragraphs
- Solved 82 out of 88 tasks

Python Practice
Department of Programming Algorithms and Technologies

February 2024 – May 2024

- Wrote a 'Maze Generator' with GUI support, the ability for a single user or two users to complete a maze over a network or local computer
- As part of the course, I also turned in lab work on data analysis and the fundamentals of machine learning
- Course grade: 10/10

Advanced machine learning techniques
MIPT Digital Department

March 2024 – Ongoing

- In the first half of the course, we will focus on numpy, pandas, matplotlib libraries, as well as tools and libraries for data visualisation.
- In the second half of the course, we will be introduced to machine learning algorithms that will allow us to solve complex problems related to natural language and image processing.

SQL introduction
Stepik

July 2024 – August 2024

Basics of statistics
Stepik

July 2024 – August 2024

MY LIFE PHILOSOPHY

"Education is not preparation for life. Education is life itself."

MOST PROUD OF

I was one of the top 10 in the cross – country skiing competition.

Winner of the Physics Olympiad

STRENGTHS

Hard-working | Eye for detail | Motivator & Leader

Python | SQL | C | Latex | Git

LANGUAGES

English ●●●○○

Russian ●●●●●

Chuvash ●◐○○○

EDUCATION

MIPT
Fiztech School of Radio Engineering and Computer Technology

Sept 2022 – Ongoing

Course: 3
Average score: 9.00

PROJECTS

Maze Generator

Python

- Generation using DFS or minimal spanning tree
- Parsing of arguments by command line to select the mode of program operation
- Saving/loading mazes to/from files
- Solving mazes and displaying the path using A*
- Ability for the user to walk the maze himself
- Ability to complete the maze in multiplayer mode
- Ability to play over a network

Parse Kinopoisk

Python

- Getting data from website
- Analysing the data obtained
- Linear data model
- Analysing the applicability of the linear data model

Parse Weather

Python

- Getting data from website
- Analysing the data obtained
- Linear data model with feature polynomialisation
- Estimation of model quality by r2 metric