Ali Panesh

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EDUCATION

Higher School of Economics *Moscow*

BACHELOR OF COMPUTER SCIENCE, ML DEPARTAMENT *2019-2023*

EXPERIENCE

Yandex *Moscow*

SOFTWARE ENGINEERING INTERN C++ *July-October 2021*

Implement new feature includes changing REST API. Some of them were part of big update, which decrease ride cost by **20%**, other decreased rejection nearby **10%**. Stack: **C++** and **SQL** and coroutine framework **Userver**

Create tests for code with **PyTest** and Yandex features

Testing code with test suite

TEACHING EXPERIENCE

Education centre "Sirius" *Sochi*

MATH TEACHER ASSISTANT *2020*

Listen and evaluate assignments online on combinatorics and geometric courses

SKILLS

- **Languages**: C/C++, Python (PyTest, SkLearn, PyTorch, Pandas, seaborn), SQL, Bash, Golang, $\LaTeX$

- **Strengths**: C++, Discrete math, Algorithms, Mathematical Analysis, Olympiad Math

- **Basics**: Linux, Git

PROJECTS

- Chat. Console **client-server** application written using **C++**. Based on **boost** using **socket, thread**, etc. Using jsons to parse messages. Readme contains all commands and instruction.

- Machine learning homework. Written using Jupiter Notebook, Python(numpy, pandas, sklearn, torch, etc). Already done:
Neural network with RMSE loss **8.62** in predicting year of song on Million song database.
Linear regression with RMSE loss nearby **0.48** (on log scale) in task NY taxi trip duration.
Readme contains links to courses repositories.

- Heads up GTO Solver for 6+ Holdem. Library written using C++. Same as Piosolver. As input contains cards on board and possible diapasons for both players, as output strategy for every hand for both players and **accuracy** worst on test: nearby **95%**.

AWARDS

- Silver medal on Tournaments of Towns 2019

- Participant at Final stage of All-Russian Olympiad of mathematics 2018