

Ali Panesh

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EDUCATION

Higher School of Economics

BACHELOR OF COMPUTER SCIENCE, ML DEPARTMENT

Moscow

2019-2023

EXPERIENCE

Gologin

JUNIOR SOFTWARE ENGINEERING C++

Work with [Chromium](#).

Remote

Nov 2021 - Present

Yandex

INTERN SOFTWARE ENGINEERING C++

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

Moscow

Jul - Oct 2021

TEACHING EXPERIENCE

Education centre "Sirius"

MATH TEACHER ASSISTANT

Listen and evaluate assignments online on combinatorics and geometric courses

Sochi

2020

SKILLS

- **Languages:** C/C++, Python (PyTest, SkLearn, PyTorch, Pandas, seaborn), Golang, SQL, Bash, \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 loss **8.62** in predicting year of song on [Million song database](#) (digitized music from 1922 to 2011).
[Linear regression](#) with RMSE loss nearby **0.41** (the best result of the competition is 0.28, percentile 40) in kaggle competition [NY taxi trip duration](#).
- Heads up GTO Solver for [6+ Holdem](#). Library written using C++. Same as [Piosolver](#). As input contains cards on board and possible diapacons for both players, as output strategy for every hand for both players and **accuracy** worst on test: nearby **95%**.