

# Ali Panesh

Moscow, Russia

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## EDUCATION

### Higher School of Economics

BACHELOR OF COMPUTER SCIENCE, ML DEPARTMENT

Moscow

2019-2023

## EXPERIENCE

### Gologin

JUNIOR SOFTWARE ENGINEERING C++ | NODE JS

Remote

Nov 2021 - Present

Create rebasing script for [Chromium](#) using **JS (Node)**, **Python**, **git patches**, which decreased rebasing on new chromium branch time from week to at most few hours.

### Yandex

INTERN SOFTWARE ENGINEERING C++

Moscow

Jul - Oct 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

## TEACHING EXPERIENCE

### Education centre "Sirius"

MATH TEACHER ASSISTANT

Sochi

2020

Listen and evaluate assignments online on combinatorics and geometric courses

## SKILLS

- **Languages:** C/C++, Python, SQL, JavaScript, Golang, Bash,  $\text{\LaTeX}$ , HTML, CSS
- **Technologies:** Git, PyTorch, SKlearn, Pandas, Numpy, Seaborn, Matplotlib, PyTest, Node.js, Linux
- **Strength knowledge:** C++, Discrete math, Algorithms, Olympiad math
- **Basic knowledge:** Machine Learning, Deep Learning (CV, NLP), Distributed system

## 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). Some of them:
  - [Neural network](#) with average loss **0.773** in [predicting score rating for hotels by user text review](#) using pretrained **bert transformer** - [SentenceTransformer](#).
  - [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](#).

## LANGUAGES

- English: B2, Russian: Native