

# Ali Panesh

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## EXPERIENCE

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### Yandex

Remote

SOFTWARE ENGINEER | C++, Go, PostgreSQL, MongoDB, Kafka

Oct 2022 - Present

Mentored new teammates.

Designed and led user infrastructure service with **2000prs** and **5ms** latency on the **p99**.

Designed and led smart the cache microservice for screen to maintain the consistency across main screens with **1500rps** and **10ms** latency on the **p99**.

Developed **multiple set-cookie** and **bson<->json conversion avoiding stack overflow** in **userver** open-source framework.

### Gologin

Remote

DEEP LEARNING ENGINEER | PYTHON, PyTorch, MongoDB, RabbitMQ, S3

Jul 2022 - Sep 2022

Made and trained the model for **object detection** with mAP@0.5 over **95%** to parse websites using **PyTorch** and **YOLOv5**.

Developed microservice from scratch, which handles this model. The service detects bounding boxes for the website picture and writes it as a response to **MongoDB**.

JUNIOR SOFTWARE ENGINEER | CHROMIUM, C++, NODE.JS, PYTHON

Nov 2021 - Jun 2022

Created a rebasing script for **Chromium** using **git patches**, which decreased the time of rebasing between chromium branches by **95%**.

Found vulnerabilities and fixed them in the fingerprint in getClientRect, canvas and WebGL images, etc.

For UI invented avatar over icon for **windows**, **ubuntu**, and **macos** to differentiate opened profiles with **skia**.

### Yandex

Moscow

INTERN SOFTWARE ENGINEER | C++, PostgreSQL

Jul 2021 - Oct 2021

Implemented the feature that reduced driver rejection by **10%**.

## EDUCATION

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### Higher School of Economics

Moscow/Remote

BACHELOR OF COMPUTER SCIENCE, ML DEPARTMENT

## SKILLS

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- **Programming languages:** C/C++, Python, SQL, Go, JavaScript, Bash
- **Technologies:** Git, Linux, Docker, PostgreSQL, MongoDB, ClickHouse, Kafka, Redis, S3
- **Languages:** English: upper-intermediate, Russian: native

## PROJECTS

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- Diploma supervisor for 4 students at Higher School of Economics. The project's target is developing an application to search dishes in restaurants without specific ingredients. Project should help allergic people.