

# Stepan Strunkov

github/yasamprom

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## EDUCATION

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**National Research University Higher School of Economics**

*Computer Science, distributed systems*

Moscow, Russia

*Sep. 2020 – 2024 (Present)*

## EXPERIENCE

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**Software engineer, Python (BOTTECH)**

May 2021 – Dec 2021

*Moscow*

- Developed asynchronous telegram bots using AIogram.
- Hosted all bots on company server using Docker and docker-compose
- Almost all bots used few API's and some of them were connected to databases (MongoDB).
- One of bots was a full value product for working with maps. Bot could save many points and display them on map (MapHub API)

**Software engineer, Python (Huawei, System programming lab.)**

April 2022 – March 2023

*Moscow*

- Implemented JetBrains [plugin](#) with syntax highlighting and many other features for [eolang](#) using Java, ANTLR and Gradle. Wrote unit tests for new language features.
- Tuned fully automated pipeline on github including linter, building, testing, code coverage analysis and release workflow (CI/CD)
- Contributed to [eolang](#) with 700+ github stars. Fixed many bugs and worked in a big team.
- Worked with Python clangd RPC server for processing c/c++ code. Wrote unit tests
- Implemented and tested http server which runs clangd locally and can process remote queries (Python)

## PROJECTS

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**Weather notifications** | *Go, Docker, MongoDB*

- Developed asynchronous app for personal notifications with weather data.
- Used MongoDB for storing user's data (id, city) and setting task scheduling.
- Worked with API for downloading weather data and with Telegram API for creating notification messages.

**Valentine's bot** | *Python, AIogram, Asyncio, Docker, MongoDB*

- Developed asynchronous telegram bot for sending and receiving anonymous valentines. Hosted bot on aws-server and connected MongoDB for storing user's data. Reached more than 3000 users and delivered around 3500 valentines.

**Music copying bot** | *Python, AIogram, Asyncio, Docker*

- Developed bot for copying favorite tracks from Yandex to Spotify and conversely.
- Used automated release pipeline with Docker and own aws-server.
- Connected MongoDB for generating and storing payments receipts.

**Fast api chat** | *Python, Docker, fastapi*

- Developed asynchronous fastapi chat. Followed CRUD principles. Tuned CI/CD. Wrote strong tests

## RELEVANT COURSES

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**Distributed systems(Python, Golang), Concurrency (c++)**

**Advanced algorithms and data structures**

**Computer's architecture and operation systems (assembly/C)**

## TECHNICAL SKILLS

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**Languages:** Python, Go, C++

**Skills:** Git, Docker, docker-compose, SQL, MongoDB, fastapi, RabbitMQ, protobuf, Linux, bash

## ACHIEVEMENTS

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- Moscow Mathematics Olympiad, 2nd diploma
- LeetCode 100+ (easy-medium)
- Teacher's assistant on course of algorithms and data structures