

# Andrey Kazachinskiy



## / EDUCATION

### HIGHER SCHOOL OF ECONOMICS

2021 - 2023

M.Sc. Social Sciences Faculty.

### LOMONOSOV STATE UNIVERSITY

2017 - 2021

B.Sc. Sociological Faculty.

GPA: 4.9 out of 5

## / WORK EXPERIENCE

### ROMIR HOLDING

06/2020 - PRESENT

Python Developer. Data Platform Solutions.

- Developed 5+ RestAPI services with Python (FastAPI/Flask/aiohttp) for processing transactions and clickstream data
- Developed over 7+ pipelines for ML and regular systems
- Development of software solutions for retail/media tasks (20+ ETL scripts, 5+ SPA, 3+ tg-bots)
- Database design and queries optimisation (MySQL/PostgreSQL, Clickhouse, Redis, minIO)
- Implemented development practices in the DS team - git, code testing, linting
- Implemented DevOps practices in the team (IaC, Gitlab CI/CD, docker, traefik)

## / ACHIEVEMENTS

### INTERNATIONAL LOMONOSOV CONFERENCE

2021

Winner. Investigation of the relationship between the content of users' tweets about the company and its stock prices

## / CONTACTS

+ **MOB.:** +7 983 503-15-88

+ **E-MAIL:** kazachinskii.a@gmail.com

+ **CITY:** Moscow

## / ABOUT

Age: 24

Python developer with experience in Data Science and integration of ML services (MLOps)  
Work on public services and back office. I want to develop in the areas of high-load applications and ML integrations.  
It is also interesting to learn Go / C++

## / LANGUAGES

+ **English** B2

## / SKILLS

+ **Backend Development** FastAPI, aiogram, aiohttp, flask, SQLAlchemy, strawberry, Celery

+ **Databases** MySQL, PostgreSQL, Clickhouse, Redis, minIO

+ **Infrastructure** docker, git, Gitlab CI/CD, RabbitMQ, traefik, nginx

+ **Data Science** PyTorch, catboost, opencv, pandas, numpy, plotly

## / PROJECTS

### INTEGRATION SERVICE (MY RECEIPTS.ONLINE - FTS)

Role: Backend + Data Scientist. Construction of a model for matching receipt data (OFD/FTS) received in fiscal format with internal data for their integration into the system (NLP). The project has reduced the labor costs of moderation by 20%

### PRODUCT CLASSIFICATION SERVICE

Role: Backend + DS. Rest API service for product category classification of incoming data (Bert). The service allows you to save up to 25% of the time for primary data markup for building analytical reports.

### CV PROJECT

Role: Backend + Data Engineer. Developing an API for integrating the CV model (yolo) into a mobile application. Auxiliary development of telegram bots for crowdsourcing data annotation.

### VOICE SKILL SYSTEM (YANDEX.DIALOGS)

Role: Backend Lead. Implementation of a system of services for the dialog script based on the Yandex.Dialogs API for Alice Voice Assistant. The service allowed us to test the hypothesis about the demand for the scenario in the market and start UX testing.

### CLICKSTREAM DATA PROCESSING

Role: Data Engineer + Data Scientist. Development of a pipeline for converting Clickstream data to determine whether a clickstream session belongs to a profile. As a result our team added 20-25% of internet data and started using Airflow

### SEARCH AND MATCHING SERVICE

Role: Backend + Data Scientist. A service for matching and searching for products from different nomenclatures using NLP and meta tags for ranking. The project reduced manual labor on correlation by 20% and the load of resources of the moderation department.

## / COURSES

### YANDEX SUMMER DEVELOPER SCHOOL (2022)

Backend Development with Python

### MIPT (2022)

Mathematics for Data Science

### YANDEX.PRACTICUM (2021)

Data Science

### VK EDUCATION PROGRAM

Development with Golang (listener without diploma)

## / HOBBIES

