

AMIR ZIGANSHIN

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OBJECTIVE

Fourth-year bachelor's student in information security at MIEM, HSE, currently working as a backend developer at Yandex.

EDUCATION

Secondary General Education, Lyceum 131 Kazan

Bachelor of Information Security, HSE

2021 - 2026

Courses: Yandex Backend Development School, Yandex Lyceum

SKILLS

Technical Skills	Python, FastAPI, Postgres, Docker, Alembic, SQLAlchemy, YDB, YQL, Jinja2, S3
Libraries	PyTorch, Tensorflow, Matplotlib, Seaborn, Scikit-learn, CatBoost, Numpy, Pandas, OpenCV, img2vec

WORK EXPERIENCE

Backend Developer

Yandex, February 2025 - Present

Contributed to the development of 'Sever', an internal tool for analyzing user behavior on search engine results pages. Responsibilities included backend development, maintenance of data processing pipelines, and improving data visualization components.

Backend Development Intern

Yandex, 2024 - January 2025

Developed backend services, including APIs for video and audio downloading, subtitle generation, translation, and video summarization.

PROJECTS

Automatic Text Description Generator for Yandex Lavka.

Developed a service for generating concise, category-specific text descriptions for products using ML pipelines and GPT models.

Embedding Watermarks in the Frequency Domain of an Image.

Implemented algorithms for embedding and extracting watermarks into the frequency domain of an image. Conducted experiments to analyze invisibility, reliability, capacity, and security.

Telegram Bot.

Created a Telegram bot to view class schedules, exams, and manage deadlines.

IDA Minor Projects.

Completed various projects from the HSE IDA Minor. Repository: [GitHub](https://github.com/Dok31)