

# DILSHOD A'ZAMJONOV

Data & ML Engineer | Python Developer

## CONTACT

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## EDUCATION

2023- ongoing (Junior)  
NEW UZBEKISTAN UNIVERSITY

- Bachelor of Engineering
- GPA: 3.43 / 4.0

Relevant Coursework: Intro to programming with C++, Linear Algebra, Statistics, Numerical Methods For Engineers, Machine Learning (self-study)

## SKILLS

Data Science & Machine Learning

- Pandas (Advanced)
- NumPy (Advanced)
- Matplotlib, Seaborn (Intermediate)
- Scikit-learn (Intermediate)

Databases

- PostgreSQL (Advanced)
- SQL (Advanced)

Backend & APIs

- Django (Advanced)
- Django REST Framework (Intermediate)
- FastAPI (Beginner)
- aiogram, telebot (Intermediate)
- Web scraping (BeautifulSoup)

DevOps & Tools

- Docker (Intermediate)
- Git (Intermediate)
- Linux/Unix (Beginner)

## LANGUAGES

- English: C1
- Russian: B2- C1
- Uzbek: Native

## PROFILE SUMMARY

I enjoy working with data because it feels like teaching a young model how to walk — guiding it until it learns to make meaningful decisions. I'm driven by solving complex problems and turning messy data into clear, useful insights. I work comfortably with Python, Pandas, NumPy, Scikit-learn, and SQL, and I like building simple, practical systems that actually help people. Recently contributing to a successful ML solution in a Central Bank hackathon strengthened my interest in applying machine learning to real-world challenges.

## WORK EXPERIENCE

Freelance Backend Developer /  
Data Engineer / Data Analyst

MARCH 2025 - JUNE 2025

- Solely developed the backend and data pipelines for a logistics service, serving ~250 users.
- Processed 15+ daily shipments, generating 3 PDF reports per shipment from 1000+ rows of data in ~1.5 seconds.
- Integrated real-time tracking via IT Park APIs and Yandex Maps; implemented SMS authentication and push notifications.
- Designed efficient database architecture and backend, ensuring reliable performance under daily operational load.

Backend developer  
intern at Metrologia

JUNE 2025 - AUGUST 2025

- Optimized and debugged backend systems, improving data reliability and processing efficiency.
- Gained hands-on experience with complex data structures, ETL pipelines, and backend data workflows in production environments.
- Collaborated on data-driven solutions, supporting scalable and maintainable backend architectures

FIFA FUTSAL WORLD CUP  
2024

JUNE 2024- NOVEMBER 2024

Travel Manager

- Managed a team of 30 volunteers aged 18-43, ensuring smooth operations throughout the tournament.
- Coordinated schedules, tasks, and logistics to support event execution efficiently.

## PROJECTS / PERSONAL PROJECTS

### NASA Apps Challenge - Exoplanet Finder Web App

FullStack Developer

- Developed a web application that identifies exoplanets based on a device's location using the phone's gyroscope.
- Implemented data-driven algorithms to process NASA's open-source astronomical datasets and deliver real-time results.

### Kaggle - Digit Recognition | Python, Scikit-learn, Pandas

- Built a CNN model achieving a public score of 0.93 on the dataset.
- Preprocessed and augmented image data to improve model robustness and accuracy.

### University Research Project - Weed Detection | YOLOv8, Python

ML engineer

- Built an object detection model to recognize weeds in agricultural fields.
- Trained on 10+ GB of plant images, achieving 92% detection performance.
- Designed data pipelines and augmentation workflows to handle large image datasets efficiently.

The full code for these and more of my projects you can access in my github account, that is:

<https://github.com/dilshodazamjonov>.