

Fatulla Bashirov

• fatulla.codage.az • +994(55) 375-7141 • bashirovfatulla@gmail.com • [LinkedIn](#)

EDUCATION

FRENCH-AZERBAIJANI UNIVERSITY (UFAZ)
Bachelor of Science in Computer Science
GPA: 100 (16/20)

Baku, Azerbaijan
Sep. 2021 - July 2025

- * Combinatorics, Probabilities, Statistics
- * Signal Processing
- * Computer Vision
- * Data Structures and Algorithms
- * Statistical Thinking and Data Analysis
- * Artificial Intelligence

EXPERIENCE

SUMMER SCHOOL

July 2024

University of Strasbourg

- Selected as one of the top 5 students out of 43 Computer Science students from UFAZ to participate in a two-week summer school

PRODATA

Jan. 2024 – Present

Junior Data Scientist

- Contributed to NLP and Computer Vision projects as a part of the Machine Learning team.
- Developed and deployed a service for finding the nearest polygon to a point from a dataset of 30,000 polygons across Azerbaijan.
- Built and deployed an XGBoost model to categorize tractor behavior based on GPS data, analyzing speed and course over time.
- Worked on OCR for Azerbaijani language: generated datasets and trained an OCR model.
- Developed a sentiment analysis model for Azerbaijani language by scraping and cleaning Google Play reviews; trained the model using BERT embeddings in PyTorch with a balanced dataset of 300,000 entries.

AIDeVSTUDIO.AI

Feb. 2024 – Aug. 2024

Generative AI & LLM Engineer (Remote)

- Worked with medium-sized businesses and private equity firms to leverage Generative AI and Machine Learning for growth and operational efficiency.

DATA SCIENCE CLUB

Sep. 2021 – Present

Organizer – Managing & Organizing Kaggle competitions

- Organized Kaggle competitions, including the "[Fraud Detection](#)" challenge (ML models for robust predictions in transactions) and the "[Genre Prediction Challenge](#)" (NLP and classification algorithms for genre prediction in movie plots).
- Conducted sessions for club members on influential research papers, such as *Attention is All You Need* and *Is Cosine-Similarity of Embeddings Really About Similarity?*, encouraging discussions on foundational and advanced ML concepts.

DATA SCIENCE and AI CONCENTRATED TRAINING PROGRAM

May.2022 – Sep.2022

Trainee

- Completed a distinction-level training program focusing on Data Science, Machine Learning models, fundamentals of Artificial Intelligence, and an introduction to Deep Learning, with a capstone project on "[House Price Prediction](#)"

CODAGE | www.codage.az

March 2023 – Present

Co-founder & Chief Technology Officer (CTO)

- Codage is a community of programmers and trainers dedicated to teaching digital technology to young people of all skill levels. We also build digital products and have won multiple hackathons.

C4IR AZERBAIJAN

Oct. 2023 – Dec. 2023

Data Analyst Intern

- Created and deployed a dynamic Streamlit app to represent employee data from Google Sheets.

ACHIEVEMENTS

- ◇ Google AI Hackathon | June 2024: 1st Place Winner
- ◇ Future Shapers 2024 | May 2024: 1st Place Winner
- ◇ EaP Civic Tech Hackathon | Jan. 2024: Winner
- ◇ PASHA Hackathon 3.0 | Oct. 2023: 3rd Place Winner
- ◇ Enactus National Competition | Sep. 2023: 3rd place
- ◇ PASHA Hackathon 2.0 | Oct. 2022: 2nd Place Winner
- ◇ ActInSpace Azerbaijan | Nov. 2022: 3rd Place Winner
- ◇ Secure Energy Hackathon | Dec. 2022: 3rd Place Winner
- ◇ SAF STEAM Hackathon | Dec. 2022: "The Best Team"
- ◇ Presidential Scholarship Winner | Sep. 2021

TECHNICAL SKILLS

Programming Languages: Python, C

Technologies: FastAPI, Numpy, Pandas, scikit-learn, PyTorch, Apache Airflow, TensorBoard, Streamlit

Databases: PostgreSQL, MySQL, SQLite, MongoDB

Developer Tools: Git/GitHub, Docker, CI/CD, AWS (S3, EC2, Lambda)

LANGUAGES

Azerbaijani - Native | **English** - Advanced | **Russian** - Native/Bilingual | **French** - Intermediate