Alibek Aitbekov

Statistics and Data Science

Suleyman Demirel University, Kazakhstan

Github: github.com/ait-prog
Kaggle: kaggle.com/aitbekovalibek

EDUCATION

B.S.   Statistics and Data Science, **Suleyman Demirel University**   2023-Present

INTERNSHIP

Back-end Intern   6/2024 – 9/2024
MyCarDigital, Almaty, Kazakhstan
- Developed and Improved a predictive model for estimating prices based on specific criteria.
- Performed data analysis and feature engineering for new project
- Migrated and integrated a database into a new mobile application.

Back-end Developer (MLOps)   6/2025 – Present
Hero's Journey, Almaty, Kazakhstan
- Designed and implemented automated workflows (n8n) for model training and deployment
- Contributed to database development and optimization, including performance tuning and visualization using DBeaver.
- Collaborated with team to integrate MLOps principles into product pipelines

PROJECT

MyBot
- An advanced AI-powered Discord bot with natural language processing capabilities, economy system, private rooms, and role management.
- Developing an AI-driven chatbot integrated with Discord. (integrated on 2 servers)

LiteR — Lightweight BERT/GPT-inspired Model
- Built a **GPT-style generative model** (<100 MB, ~20M parameters) with **PyTorch**, supporting pretraining, fine-tuning, and text generation.
- Roadmap includes **MLOps practices**: automated pipelines (Airflow/Prefect), CI/CD (GitHub Actions), deployment to **Kubernetes**, and monitoring with **Prometheus/Grafana**.

RELEVANT SKILLS

Python (TensorFlow, PyTorch, Keras, Scikit-Learn, Pandas)

PostgreSQL, **MongoDB**, **Git**, **Docker**, **Kubernetes**

REST API design, **CI/CD** pipelines