

Junior ML engineer

About

Prelast-year Computer Engineering student with a passion for mathematics. Experienced in Python, SQL, NLP, PyTorch, and Scikit-learn. Skilled in predictive modeling, feature engineering, fine-tuning, and building chatbots, recommendation systems. Focused on applying machine learning to solve real-world problems.

Projects

LLC "AI Academy" – 08.2024 – 09.2024

ML Engineer

- Developed a model to predict car prices using **mashina.kg** data, achieving a **MAPE** of 13%.
- Applied **feature engineering** techniques to enhance model accuracy.
- Experimented with advanced **machine learning** models, including **CatBoost** and **RandomForest**, to optimize performance.

LLC "AI Academy" – 09.2024 – 10.2024

ML Engineer

- Improved predictive performance, achieving a MAPE of 9.9% using **CatBoost** and **XGBoost**.
- Worked in a team of three: one data analyst and two ML engineers
- Automated **data collection** via a **web scraper** for **house.kg**, streamlining the data preprocessing pipeline.
- Utilized **Pandas** and **Numpy** for data manipulation and **feature engineering**.
- Leveraged **Git** for version control and collaboration within the team.

Projects

TÜBİTAK – 10.2024 – 12.2024

NLP Engineer (Intern)

- Processed and cleaned text datasets for Turkish and Kyrgyz NLP projects.
- Built tokenization pipelines and implemented **multilingual text classification**.
- Applied **NLP** techniques to improve text data quality and model performance.

Skills

- Python
- SQL
- PyTorch
- Matplotlib
- Git
- HuggingFace
- Scikit-learn
- Fine-Tuning
- DL
- Algorithms and Data structure

Education

Kyrgyz-Turkish Manas University

– 09.2022 – Present

Bachelor's Degree in Computer Engineering (GPA: 3.76)

LLC AI Academy courses "Data science pro math"

Finished