Elshan Gadimov

in [LinkedIn](#) | +36 20 333 6771 | ✉ elshanqadimov7@gmail.com | GitHub

Skills

- Python | Java | PyTorch | Pandas | TensorFlow | Regression & Classification | NLP | CV |
- Docker | MySQL | SQL | NoSQL | Git | InfluxDB | MongoDB | Grafana | Kafka | PySpark | AWS

Experience

Machine Learning Engineer	**Flash Payments Australia**	*Sydney, Aus (Remote)*	**12/2022 - present**

- Designed and built an end-to-end ML system that detects suspicious payments and reduces manual work. **Pandas, Flask, MlFlow**
- Analysed historical data and proposed changes that decreased manual work of compliance by half. **Python**
- Developed a GenAI-based service that optimized the task by 20 times. **Python, Bedrock, AWS**

Data Science Student Researcher	**ELTE - Data Science Department**	*Budapest, HU*	**02/2022 - 12/2022**

- Collected Cyber Security position data from LinkedIn by Scrapping. Applied text mining, clustering, and topic modeling to study the workforce gap in the market. **Python, Machine Learning, Scrapping, Text Analysis**
- Studied and implemented Text Summarization with abstractive and extractive models for Lecture Notes. Developed a new metric to compare the results. **Python, NLP, Deep Learning, Transformers, PyTorch, HuggingFace**

Machine Learning Engineer	**e-Gov Development Center**	*Baku, Azerbaijan*	**05/2021 - 09/2021**

- Developed an ensemble model that detects the waiting time of the customer which was 4 minutes more accurate than the existing one.
- Designed and implemented scalable API for the developed ML model. **Python, Pandas, Seaborn, XGBoost, Streamlit**

Machine Learning Trainee	**ABB Innovation**	*Baku, Azerbaijan*	**12/2020 - 05/2021**

- Analyzed data and developed an ML model to predict the probability of bank customers defaulting on their loans or credit lines. Dealing with imbalanced classification.
- Analyzed fashion product reviews, and predicted a numeric rating as well as whether or not the reviewer would recommend the product. **Python, Pandas, Regression & Classification, Tensorflow**

Software Developer Intern	**Food Safety Agency**	*Baku, Azerbaijan*	**01/2020 - 04/2020**

- Designed and implemented an application that fully automatized the transactions between the lab and its stock. **Java, Spring, MySQL**

Education

Master in Data Science	**Eötvös Loránd University**	*Budapest, Hungary*	**9/2021---present**
Bachelor in Computer Science	**Khazar University**	*Baku, Azerbaijan*	**9/2017- 7/2021**

Projects

- **Streaming Framework:** Designed and developed a streaming framework in a team project with **Kafka**, and **PySpark** stored in **InfluxDB** and visualized with **Grafana** that detects anomalies in real-time. **Docker**.
- **Face Detection:** Used **PyTorch** and designed 3 metrics to evaluate the accuracy of the face detection models.

Volunteering

- **Technical Lead at Google Developer Student Club:** Responsible for hosting technical workshops and helping with career advice to new CS students **(09/2022 - 05/2023)**

Awards

- **Bronze Award**: Won 3rd place in Machine Learning competition out of 180 registered teams **(04/2021)**