**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)**