RUSLAN TSIBIROV

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Ingolstadt, Germany

My LinkedIn

My GitHub

WORKING EXPERIENCE

- **07.2022 - 12.2022**

  MGIMO University
  Odintsovo, Russia
  freelance contract

DEVELOPMENT OF A TELEGRAM CHAT-BOT WITH EMBEDDED ANALYTICAL SOFTWARE

- Developed and launched a Telegram chatbot (@Ester_MGIMO_Bot) for students, enrollees, and staff at MGIMO University (Odintsovo). Utilized Python (aiogram), PostgreSQL, and Amplitude Analytics.

- **05.2023 - 12.2023**

  MGIMO University
  Odintsovo, Russia
  freelance contract

DEVELOPMENT OF A WEB APPLICATION FOR STUDENTS AND STAFF

- Developed a web application module for creating and managing anonymous questionnaires, including an admin panel and user interface. Utilized HTML, CSS, PHP, JavaScript, and MySQL.

EDUCATION

- **2023 - Present**

  Ingolstadt, Germany

CATHOLIC UNIVERSITY OF EICHSTÄTT-INGOLSTADT

- Bachelor of Data Science

- **2019 - 2023**

  Moscow, Russia

MOSCOW AVIATION INSTITUTE (NATIONAL RESEARCH UNIVERSITY)
GPA: 2.0

- Bachelor of System Analysis and Management

Key subjects:

Computer Science, Mathematical Analysis, Fundamentals of Robotic System Design, Probability Theory, Statistics

LANGUAGES

- **Russian, Ossetian (native speaker)**
- **English (C1) - IELTS 7.5**
- **German (B1)**

PROJECTS

- **11.2024**

Verkehrsverbund Großraum Ingolstadt
Germany

VGI CHALLENGE | HOW DOES THE VGI-FLEXI MOVE RURAL AREAS

Participated in the VGI Challenge hosted by Technische Hochschule Ingolstadt, supported by VGI, AININ, and others. Tackled the challenge of analyzing the spatio-temporal travel behavior of VGI-Flexi users and won 2nd prize.

- Explored trip cancellation trends, showing 40% cancellations, with 12% due to passenger no-shows.
- Used Python (Seaborn, Pydeck, Folium) and Power BI to visualize demand patterns and cancellation rates by time and location.
- Developed an interactive Google API map displaying passenger density and popular routes.
- Trained a machine learning model to predict no-shows, offering actionable insights.

- **09.11.24 - 10.11.24**

Tourism Technology Festival 2.0,
Salzburg, Austria

CROWDEDNESS PREDICTION FOR SKI RESORTS | 24-HOUR HACKATHON, TOURISM TECHNOLOGY FESTIVAL (SALZBURG)

Participated in a 24-hour hackathon as part of a team of five, tackling the challenge of managing ski resort crowding during peak seasons.

- Developed a prototype to predict the "crowdness coefficient" for ski lifts using data from Serfaus Ski Resort and Mastercard payments.
- Proposed strategies like targeted discounts and special tariffs to reduce lift congestion and enhance customer satisfaction.
- Presented the prototype and its potential applications for improving ski resort operations.

- **05.2024 - 07.2024**

Katholische Universität Eichstätt-Ingolstadt
Germany

AIRLINE FLIGHTS PRICE PREDICTION | HANDS-ON ML COURSE PROJECT

Collaborated with two teammates to design a predictive machine learning model for airline ticket pricing.

- Conducted in-depth analysis of a large dataset, uncovering pricing trends and patterns using Python tools.
- Built and fine-tuned models to deliver actionable insights on factors influencing ticket prices.
- Presented findings through impactful visualizations and strategic recommendations for pricing optimization.

SKILLS SUMMARY

Python	●●●●●	Amplitude Analytics	●●●●
SQL	●●●●●	PostgreSQL	●●●●
Excel	●●●●	HTML/CSS	●●●●
Git	●●●●	Microsoft Power BI	●●
MySQL	●●●●	Statisctics	●●●●
JavaScript	●●	Machine Learning	●●●●