Beksultan Tuleev — Data Scientist

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Education

University of Trento, [⧉link]   **Italy**
Master of Science in Data Science   *Sep 2019–Mar 2022*
Thesis: *Non-line-of-sight Detection And Mitigation Using Machine Learning For Indoor Positioning Ultra-wideband System*

OSCE Academy, [⧉link]   **Kyrgyz Republic**
Master of Arts in Economic Governance and Development   *Sep 2017–Dec 2018*
Thesis: *The Impact of Trade Openness on Technical Efficiency in the Agricultural Sector in Post-Soviet Countries 1990-2014*

American University of Central Asia, [⧉link]   **Kyrgyz Republic**
Bachelor of Arts in Economics   *Sep 2013–Jun 2017*
Thesis: *Quantitative Economics Research, The Application Of Dantzig's Simplex Algorithm On The Micro-construction Company*

Experience

NUR Telecom LLC, Mobile Network Carrier, [⧉link]   **Bishkek, Kyrgyz Republic**
Data Scientist / Data Automation Engineer   *Apr 2022–Mar 2023*
- Improved ML model prediction of Active Customers for next fiscal month with 99% recall and precision
- Designed and implemented a versatile library (⧉nurtelecom-gras-library) to facilitate connection and manipulation of Oracle databases, leveraging efficient algorithms for seamless handling of regular and spatial data
- Developed a Chatbot for remote monitoring and management of Windows scheduled tasks and job management in Oracle. Bot vastly reduced the effort and time for control and maintenance from 30 to 3 minutes on average
- Implemented an automatic failure recovery mechanism for Windows machines, which allows failed scheduled tasks to be automatically restarted in the event of external failures. The mechanism improved the reliability and significantly reduced downtime from 50 to 5 minutes on average

The Openwork Partnership, Financial Advice and Investment Network, [⧉link]   **Swindon, United Kingdom**
Data Scientist Intern   *Jun 2021–Oct 2021*
- Developed Multi-Output ML models for predicting customers with a high likelihood of purchasing protection products in different income segments with AUC of more than 85%
- Reduced the number of features required for accurate predictions (from approx. 150 to 10) through the use of RFE, resulting in a more efficient and cost-effective model
- Achieved 88% in precision and recall scores after feature selection and model calibration, indicating a better balance between true positives and false positives/negatives in the model's predictions

Mercy Corps, Humanitarian Aid Organization, [⧉link]   **Bishkek, Kyrgyz Republic**
Procurement and IT Assistant   *Feb 2019–Aug 2019*
- As a Procurement Assistant at Mercy Corps, I sourced and purchased kitchen equipment for a food security project in rural areas, improving access to healthy food for children. My work supported the successful implementation of the project and contributed to long-term community development.

United Nations Development Programme, Snow Leopard Conservancy, [⧉link]   **Bishkek, Kyrgyz Republic**
Project Management Assistant Intern   *Aug 2018–Jan 2019*
- As a Project Management Assistant at UNDP, I provided administrative support for a project aimed at protecting snow leopards and their habitats. I coordinated logistics and assisted with reporting, contributing to the successful implementation of the project and promoting sustainable development in the communities we served.

Projects

All projects at the ⧉ link

Skills

Python, R, Java, C, Jupyter, TensorFlow, SQL, Tableau, MS Power Bi, Linux, WSL, Bash, Docker, Git

April 3, 2023

Beksultan Tuleev