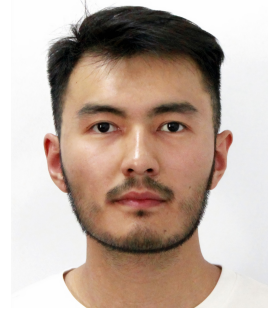


Beksultan Tuleev — Data Scientist

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Education

University of Trento

Master of Science in Data Science, GPA: 100/110

Italy

Sep 2019–Mar 2022

Thesis: Non-line-of-sight Detection And Mitigation Using Machine Learning For Indoor Positioning Ultra-wideband System

OSCE Academy

Master of Arts in Economic Governance and Development

Kyrgyz Republic

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

Bachelor of Arts in Economics

Kyrgyz Republic

Sep 2013–Jun 2017

Thesis: Quantitative Economics Research, The Application Of Dantzig's Simplex Algorithm On The Micro-construction Company

Experience

Nurtelecom, Mobile Network Carrier

Data Scientist / Data Automation Engineer

Bishkek, Kyrgyz Republic

Apr 2022–Mar 2023

- Improved ML model prediction of Active Customers for next fiscal month with 99% recall and precision.
- Developed a versatile pip library (nurtelecom-gras-library) to facilitate connection and manipulation of Oracle databases, leveraging efficient algorithms for seamless handling of spatial data.
- Developed a Telegram bot to streamline task and job management in Oracle, reducing the time and effort required for maintenance and control of these processes.
- Implemented automatic failure recovery, which allows failed tasks to be automatically restarted in the event of external failures, improving system reliability and reducing downtime.

The Openwork Partnership, Financial Advice and Investment Network

Data Scientist Intern

Swindon, UK

Jun 2021–Oct 2021

- Developed Multi-Output ML models for predicting customers with a high likelihood of purchasing protection products in different income segments.
- Developed a custom framework to operate multiple models with embedded report creation upon completion that simplifies further ML applications.
- Developed an in-depth visualization approach accompanied by classification or clustering problems.

Mercy Corps, Humanitarian Aid Organization

Procurement and IT Assistant

Bishkek, Kyrgyz Republic

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

Project Management Assistant

Bishkek, Kyrgyz Republic

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

Visualization of Reference Signal Received Power in Tableau: I designed and implemented a Tableau project to visualize signal strength data from NetMAX, and built the necessary infrastructure. The project identified areas with poor signal coverage, enabling network operators to improve network coverage for a better user experience.

Application of Ultra-Wideband System in Unmanned Aerial Vehicle (UAV): Applied Ultra-Wideband for precise indoor positioning of small UAVs. Centimetre-level accuracy achieved with a Kalman filter and external UWB tag.

Skills

Programming: Python, SQL, R, Java, C#

Machine Learning: Classification, Clustering, Time Series Analysis, Deep Learning with TensorFlow

Data Visualization: Matplotlib, Seaborn, Tableau, Power Bi

Tools: MS Office, Git, Jupyter, Linux, Docker, Kafka