

BEKSULTAN TULEEV

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EDUCATION

University of Trento

Italy

Master of Science in Data Science

Sep 2019 – Mar 2022

- Grade: 100/110.
- Relevant Coursework: Big Data (Knome, AWS), Data Mining, Machine Learning (sklearn), Web Architecture (Java, Angular), Embedded Systems (C, Linux, Raspberry Pi), Distributed Systems (MatLab), Scientific Programming (Python), Deep Learning (TensorFlow), Statistics (R), Visualisation (Matplotlib, Tableau, Power Bi)
- Certificates: Linux/Unix Installation, Linux/Unix Administration, Linux/Unix Security, Project Management

EXPERIENCE

Nurtelecom

Kyrgyz Republic

Data Scientist / Data Automation Engineer – Statistics Team

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 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.
- Contributed to increased productivity and efficiency within the department by providing an accessible and user-friendly interface for managing complex processes.
- Became one of the best employees (Q4 2022) for developing progressive reporting systems and automating processes.

The Openwork Partnership

United Kingdom

Data Scientist – Marketing Team

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.

PROJECTS

NLOS Detection and Mitigation using ML for Ultra-Wideband (UWB) System

2022

- Developed fully-fledged Internet of Things (IoT) infrastructure for the Indoor Positioning System
- Developed a unique automatic approach for the data-gathering process from sensors.

Real-time Location Tracking and Trilateral Wi-Fi Positioning

2021

- Developed complete infrastructure that uses at least three Wi-Fi access Points to calculate a position.
- Developed a real-time visualisation approach that uses the matplotlib library from Python and MQTT.

Application of Ultra-Wideband System in Unmanned Aerial Vehicle (UAV)

2020

- Developed the entire pipeline for real-time data processing with a sensor fusion approach.