BEKSULTAN TULEEV

beksultantuleev Beksultan Tuleev kazamabeks@gmail.com +44 7426 465 448

EDUCATION

University of Trento — **Italy**
Master of Science in Data Science — *Sep 2019 – Mar 2022*

- **Grade: 100/110.**
- **Relevant Coursework: Big Data (Knime, 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

O! Mobile Carrier — **Kyrgyz Republic**
Data Automation Engineer / Mid-Level Data Scientist – Statistics Team — *Apr 2022 – Present*

- **Improved ML model prediction of Active Customers for next fiscal month with 99% recall and precision.**
- **Developed pip library for statistics department (nurtelecom-gras-library) that assisted majority projects.**
- **Developed a Telegram bot for managing scheduled tasks (on-demand start and stop) that vastly improved and simplified managing and monitoring work for the entire department.**
- **Developed neural network-based time-series forecasting of Active Customers' numbers in Python (TensorFlow) with visualisation in Tableau.**
- **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 Areal Vehicle (UAV) *2020*

- **Developed a complete position control algorithm with Linear Quadratic Regulator (LQR) and Proportional Integral Derivative (PID) controller.**
- **Developed the entire pipeline for real-time data processing with a sensor fusion approach.**