Bolat Tleubayev

+7 (702) 495 12 49 | Kazakhstan | tleubayevb@gmail.com | website | linkedin | github | scholar

WORK EXPERIENCE

Data Engineer, Chevron subsidiary Tengizchevroil   Mar 2022 - Present
- Oversaw development, test, and production git repos of the chapter of 60 data engineers
- Designed and implemented Azure pipelines for raw data ingestion from disparate source types
- Ingested and maintained data for oil pumping facilities, procurements, and human resources of over 30,000 employees totaling more than 3TB
- Delivered on-demand ingestion pipeline for customers saving 30 work hours per month
- Conducted Scrum activities for a team of 12 data engineers, personally trained 3 of them

Research and teaching assistant, Nazarbayev University   Aug 2019 - Dec 2020
- Designed and developed software for dysgraphia research with EPFL CHILI Lab, it was used to record handwriting of 200 children. Results were published in **Nature** and HRI conference
- Formulated rules for trilingual text-to-speech engine creation and collection of 72h of audio data
- Created Python library for semi-automated data collection and processing of over 120,000 handwritten Cyrillic letters significantly reducing the image alignment and labelling time

Computer vision intern, KazAeroSpace LLP   Feb 2019 - Apr 2019
- Delivered a satellite images segmentation engine using CNNs and image processing techniques
- Incorporated computer vision to the existing reconnaissance and security products
- Advised engineers on sensors placement for unmanned aerial vehicles

EDUCATION

Katholieke Universiteit Leuven (KU Leuven)   Belgium
- Advanced Master of Science in Artificial Intelligence   July 2021
Nazarbayev University   Kazakhstan
- Bachelor of Science in Robotics and Mechatronics   May 2019

TECHNICAL SKILLS

Programming: Python (spark, OpenCV, Keras, sk-learn), Azure (Databricks, Data Factory, Synapse, DevOps, CloudShell), SQL (T-SQL), Git, Flutter, MATLAB

LEADERSHIP AND AWARDS

Team leader, Delaware Student Game   **Belgium,** Mar 2021
Technical team lead, ABC startup incubation   **Kazakhstan,** Oct 2020
Presenter, International Conference on Human-Robot Interaction   **United Kingdom,** Mar 2020
Presenter, International Conference on Robotics Technologies   **China,** Mar 2019

SELECTED PUBLICATIONS

- *The transferability of handwriting skills: from the Cyrillic to the Latin alphabet*. Nature partner journal: science of learning
- *Robot-assisted therapy for children with ADHD and ASD*. International Conference on Service Robotics Technologies