

BAZARBAY ALISHER

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EDUCATION

City University of Hong Kong

Hong Kong (2019 - 2023)

B.Sc. in Data Science

- GPA 3.74, Dean's Honours List
- Top Scholarship and CityU Scholarship (for outstanding academic performance and contribution)
- Relevant Coursework: Statistical Inference, Convex Optimization, Big Data, Data Structures, Database Systems, Python for Data Science, Computer Vision, System Dynamics, Financial Engineering

WORK EXPERIENCE

Data Scientist, internship

Intact Financial (HK) Limited, P&C Insurance

Hong Kong (June 2022 - August 2022)

- Used machine learning and statistical modeling techniques to filter, and cluster free text emails with useful/useless contents. Data was versioned with DVC for results to be reproducible
- Applied Natural Language Processing techniques to perform free text pre-processing, classification of unwanted paragraphs and frequency analysis
- Used Python's Data-Science Eco-System (pandas, numpy, scikitlearn, matplotlib, etc) and in-house tools to examine and generate insights on numerous large datasets
- Developed and performed Evaluation Strategy for the AI solution over all stages: text extraction, post-processing and model prediction. Did error analysis to optimize and improve the performance

Data Analyst, internship

uHey Limited, Outdoor IoT

Hong Kong (September 2020 - July 2021)

- Built internal interactive dashboard using AWS QuickSight. Designed ETL pipeline to transfer data from MongoDB Atlas to AWS S3 with a peering connection
- Analyzed staging and production data to detect optimization patterns for IoT devices. This helped to increase system's performance by 15%
- Developed the needed parser application for GPX/GPS files
- Collaborated with executive and development team to solve technical, and production issues

Data Scientist, internship

Koinbros, High Frequency Cryptocurrency Trading Firm

Hong Kong (May 2020 - July 2020)

- Produced trading signal and analyzed the performance of existing trading algorithms
- Analyzed opportunities in cryptocurrency markets, and developed scripts for data visualization
- Built an internal log parsing tool for splitting high-volume data for easier interpretation, and analysis
- Performed data wrangling and data analysis to create visual reports, which in turn drove future strategies

SKILLS

Programming Languages Python, C++, PHP, SQL, R

Technologies/Libraries Git, AWS, PyTorch, MongoDB, OpenCV, Machine Learning, Data Visualization, NLP

Languages English (Excellent Command), Kazakh (Native), Russian (Native)

EXTRACURRICULAR ACTIVITIES

Head Residence Tutor, CityU

(July 2021 - Present)

Ambassador of School of Data Science, CityU

(October 2019 - Present)

University Karate Sport Team, CityU

(October 2019 - Present)

Hong Kong Fintech Week Hackathon

(October 2019)

- With a team built a Telegram bot using NLP techniques, Tensorflow