

# Ayazhan Kadessova

Date of birth: 23/06/2002 | **Nationality:** Kazakhstani | **Gender:** Female | [kadessovaayazhan@gmail.com](mailto:kadessovaayazhan@gmail.com) |

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<https://leetcode.com/kadessovaayazhan/> | <https://huggingface.co/Ayazhankad> | Kowloon, Hong Kong /, Kazakhstan

About me:

*Self-motivated honours student from HKBU passionate about NLP for creative applications. Besides this all, love sports and nature!*

## EDUCATION AND TRAINING

06/09/2021 – CURRENT

**BACHELOR OF SCIENCE(HONS) IN BUSINESS COMPUTING AND DATA ANALYTICS** – Hong Kong Baptist University

◦ **Python and Its Applications** ◦ **Statistics, Probability & Calculus for CS** ◦ **Unveil the Numbers for Investing**  
◦ **cGPA:** 4.0/4.0 ◦ **President's Honour Roll** - Semester 1&2, 2021-2022 ◦ **Department of CS Peer Tutor**  
**Belt and Road Scholarship**(full-tuition): HK\$560,000 awarded by HKSAR Government to top 35 international students  
**HKBU Non-local Student Special Award:** HK\$10,000 nominated by CS Dep. for academic, community, extra-curricular excellence

25/05/2021 – 16/05/2022

**STUDENT & DATA SCIENCE TRACK MENTOR** – Qwasar Silicon Valley Tech Talents Training

◦ **"Women in STEM" scholarship** in 100% learning by doing coding school with Silicon Valley standards. Shared my experience in [Interview](#).  
◦ [Upskill Data Science Program](#) - Python, SQL ◦ [CSV to SQL to CSV](#) , [Predicting Class of Iris Plant](#)  
◦ [Introduction to SWE](#) - 16 C Programming Level I projects ◦ [Mastermind Game](#)  
◦ [Introduction to Data Science](#) - 15 Python DS projects ◦ [Github TOP 25 Repositories Scraper](#) - Using python's requests & bs4 to return a CSV with top 25 github repos ◦ [Introduction to FullStack Development](#) - Javascript  
**Favorite Independent Project:** Scraped data from cargo transportation in KZ & CIS website using **Beautiful Soup**, did exploratory data analysis to suggest 3 best business models. **Blogpost about the project:** [here](#).  
**Mentorship:** Was offered a mentor position after completing Data Science Track in [top-three](#). Organized live coding sessions with 30 students every other week to review & debug codes for 8 months.

## INTERNSHIP EXPERIENCE

08/06/2022 – CURRENT

**Natural Language processing Engineer - Super Chain - Ecommerce KPI Analytics (full-time)**

*Start-up focusing on SaaS applications for e-commerce shops.* ◦ **Databases:** MongoDB ◦ **Frontend:** Fast API, Streamlit  
◦ [AutoML](#) (Python, Fastapi)  
Developed AutoML's Classification part: compares ML models, finds the most accurate for input data, **classifies** the target data using **PyCaret**. Added model based on **T5** to allow users input data for **Table Question Answering**. Based on demo app with 88% accuracy, selected for **Wistron Accelerator #3 by AppWorks**.  
◦ [Multi-label text classification](#) (Independent, Python, PyTorch, transformers)  
**Fine-tuning** bert-base-chinese model for multi-label text classification problem (semantic analysis) with **PyTorch**.  
◦ **Model:** [here](#) ◦ **Binary sentiment analysis:** [here](#) .

08/03/2022 – 31/05/2022

**IT Investment Intern - Alphalex Capital Management (part-time)**

**NFT Launch Research. Created:** ◦ [Fungible Tokens](#) (ERC-20) with Solidity, deployed on Ropsten. ◦ **NFTs (ERC-721A)** on [Cadence/Solidity](#) from Node.js-generated art to compare FLOW vs Ethereum blockchains. Result of my function/cost/user-friendliness [testings](#) (<- link): **FLOW was chosen**. ◦ [Pipeline for finding Merkle Proof](#) (required for Whitelist Mint) using keccak256 cryptographic hash function. ◦ **Other projects:** [here](#) ◦ **Reflection post:** [here](#).

## SKILLS

**Technical & Soft skills**

**Languages/Developer Tools:** Python, SQL, HTML, C; VS Code, JupyterHub, Google collab, HuggingFace  
**Other Tech:** Linux, **NLP**(BERT, PyTorch, PyCaret), **DS pipeline**(web scrape, clean, analyze, visualize), **Predicting**(sklearn)  
**Soft:** independent research, creative problem solving, teamwork, summarizing progress, oral project presentation