Alex Huh

(201) 419-9077| 801 Linden Ave, Ridgefield, NJ 07657 | alexalhuh@gmail.com

EDUCATION

New York University, College of Arts and Science   **New York, NY**
B.A. in Computer Science and Data Science   *Sep 2020 – May 2024*
- **Cumulative GPA:** 3.55/4.00
- **Relevant Courses:** Data Structures, Basic Algorithms, Processing Big Data & Analytics, Natural Language Processing, Database Management & Analysis, Probability & Statistics, Deep Learning and Fundamentals of Machine Learning

PROFESSIONAL EXPERIENCE

Aristeia Capital LLC   **New York, NY**
IT Intern   *Sept 2019 – May 2020*
- Worked under the head of IT and practiced key principles of networking in both NY & CT locations.
- Cloned and configured 30+ computers for a smooth integration into a new, secure network environment.
- Assisted in troubleshooting hardware and software issues, contributing to overall IT efficiency and reducing system downtime.

54 Vintage Vinyl   **New York, NY**
Store Manager   *Sept 2021 – Present*
- Managed inventory of 10,000+ vinyl records, cassettes, and CD's along with future distributor purchases.
- Coordinated employees' schedules and roles within the store to facilitate a 20% inventory expansion.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Competitive Programming Club   **New York, NY**
Communications Director   *Apr 2022 – Dec 2023*
- Directed social engagement, social media, helped coordinate social events, and acted as the club representative in club fairs
- Facilitate communication between members of the executive board and maintain constant stream of communication
- Co-led weekly meetings involving practicing competitive programming problems and general problem solving methodology

Business Analytics Club   **New York, NY**
Advanced Team Member   *Feb 2023 – Dec 2023*
- Participated in multiple semester long projects with others, working on using sentiment analysis and image recognition
- Analyzed relationship of Twitter tweets sentiment analysis with crime statistics of LA county
- Trained an image recognition system using images from WikiArt to recognize and classify artistic styles

PROJECTS

Soccer Analytics
Java, Scala, Spark, Hadoop, Hive, Impala | [Github]
- Analyzed the several years' worth of match statistics for 3 separate soccer leagues to find key determining statistics
- Utilizes Hadoop MapReduce and logistic regressions to find best predictive statistics for winning teams
- Achieved model performance with an average Area Under Receiver Operating Characteristic Curve (AUC-ROC) score of 0.81

Keyword Extraction Analysis
Python | [Github]
- Tested various keyword extraction processes to determine the key issues and topics in tech support records
- Evaluated TF-IDF, YAKE, KeyBERT, Summa, and a custom keyword extraction method to find the best extraction method
- Utilized NLTK, numpy, pandas, and SKlearn to create a hybrid keyword extraction method

Refined Chat Bot
Python | [Github]
- Developed and tested a chat bot with the capability of replicating the personality of a fictional character
- Tested DialoGPT, Falcon-7B, LLaMa-7B, GPT-2, and T5 to determine the best model and trained using the NYU HPC.
- Utilized both fine-tuning and prompt engineering methods to produce more realistic and accurate responses

SKILLS & INTERESTS

- **Languages:** English (native), Korean (conversational)
- **Programming Languages:** Python (Pandas, NumPy, Sklearn, Matplot), Java, C, React JS
- **Interests:** Film, Videogames, Working Out, Running, Cooking, Traveling, and Record Vinyl Collecting