

Education

- **NEW YORK UNIVERSITY**, Master of Data Science (2022.09-2024.05)
- **NEW YORK UNIVERSITY**, Bachelor of Art in Economics Cumulative GPA : **3.74 / 4.0** (2018.09-2022.01)
- Courses: Data Science / Linear Algebra / Statistics / Econometrics / Time Series Analysis / Database / Data Structure

Work Experience

Data Story — Data Analyst Intern (2021.06-2021.08)

- Contributed to a whole 2-month online buzz data analysis report set for Budweiser's summer product publicity campaign, including the draft of the scope of work, data collection, data analysis, data reports, and ad-hoc data requirements and created a total revenue of over 50,000 rmb.
- Delivered monthly data reports for more than 5 brands like Innisfree and Starbucks, providing consecutive data trend changes, statistically significant data abnormalities, and corresponding charts and explanations and created a revenue of over 20,000 rmb.
- Implementation of Excel, Python, SQL, Database, Tableau, PowerPoint, and Machine Learning(sentiment analysis).

PricewaterhouseCoopers/PwC ESG — Operation Intern (2020.12-2021.02)

- Designed and conducted a set of A/B tests about teaching and curriculum quality for more than 120 students at 3 different workspaces, finally optimized 3 teachers and 1 course structure.
- Organized 3 large ceremonies by designing time flow charts and allocating human resources and increased working efficiency by 30%.

Projects Experience

Public class projects of Deep Learning, Hung-yi Lee (2022.01-2022.06)

- Performed a frame-wise phoneme classification model using pre-extracted MFCC features, achieving 78% accuracy.
- Performed an image classification model of 11 categories of food using CNN and improved the model's performance by implementing cross-validation and data augmentations such as mix-up and transforms, achieving 82% accuracy.
- Performed a multi-speaker classification model from VoxCeleb2 dataset by implementing transformer and attention, achieving 71% accuracy.
- Developed an anime face generation model by implementing GAN.

JoinQuant & Soochow Securities (2022.01-2022.03)

- Developed and back-tested a stock transaction model, built up a portfolio of better securities using a multi-factor rating strategy, and implemented it onto real a transaction platform, outperforming the stock market by a 17.3% annual return rate through 5 months.

New York University, Pascal Wallisch (2021.01-2021.06)

- Analyzed 8 middle schools' admission rates in New York out of over 20 factors such as Standardized Test score, distributions of different students, and facilities of schools.
- Implemented Principal Component Analysis, correlation analysis, significance tests, and regression to summarize key factors that affect admission rate and provide government 4 empirical suggestions for improvement.

Skills & Interests

- Python (Numpy / Pandas / Matplotlib) / MySQL / Java / R / C# / C / Excel / Tableau / PPT / Statistics
- Regression Model (Linear / Logistic / Multi-variable)
- Machine Learning (KNN / K-means / SVM / Random Forest / Bagging & Boosting / PCA)
- NLP (Transformer / Attention) / Deep Learning (Pytorch / CNN / RNN / GAN)
- Economic Models / Time Series Analysis / Quantitative Security Strategies & Models