

# Yueyue Min

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## PROFESSIONAL SUMMARY

**Insight-driven Data Analyst** specializing in time series, experimentation, and business performance analytics. **Strategic Communicator** who turns complex analyses into clear stories and decision-ready dashboards for stakeholders. **Continuous Learner** who proactively explores new methods and automates workflows to boost accuracy and speed.

## EDUCATION

### Columbia University, Graduate School of Arts and Sciences

New York, NY

*Master of Arts in Quantitative Methods in the Social Sciences (Data Science Track)*

Sep 2023-May 2025

- GPA: 3.8 / 4.0; GRE:336
- Relevant Coursework: Advanced Machine Learning, Timeseries Forecasting, Visualization, NLP, Bayesian Statistics

### University of California, Irvine

Irvine, CA

*Bachelor of Science in Cognitive Sciences (Minor in Computer Science)*

Sep 2019-Mar 2023

- GPA: 3.95 / 4.0, Cum Laude
- Relevant Courses: Machine Learning, Computational Methods, Cognitive Robotics, Statistics, Neuroscience

## EXPERIENCE

### GradeMate

New York, NY

*Product Data Scientist (AI/ML)*

Sep 2024 – May 2025

- Drove end-to-end feature lifecycle for Gemini-powered AI-assisted grading product, translating teacher pain points into requirements and clear success metrics and shipping a reliable experience that cut turnaround time by 40%.
- Conducted A/B testing on different model prompts and parameters, using statistical analysis to determine the optimal configuration for providing constructive student feedback.
- Developed and monitored a dashboard of key performance indicators (KPIs) for the grading assistant, tracking metrics like average grading time saved per teacher, user adoption rates, and feedback quality scores.

### ADEL Group

Hong Kong, China

*Business Intelligence Analyst*

Apr 2023 - Aug 2024

- Transformed inventory planning for Southeast Asia by developing a forecasting model that analyzed financial trends and demand signals, resulting in a 15% reduction in stockouts and improved inventory turnover by 12%.
- Improved the agility of executive decision-making by automating manual data workflows, cutting report generation time by 25% and freeing up 20 hours per week for deeper analytical analysis.
- Empowered leadership with data-driven insights by creating a centralized dashboard for key business metrics, leading to a 15% shift in marketing budget to higher-performing channels during quarterly reviews.

### SF Technology

Shenzhen, China

*Machine Learning Engineer Intern, AI and Visual Recognition Group*

May 2021 – Aug 2021

- Quantified end-to-end recognition quality by building SQL/Python pipelines for precision, recall, and exception rates by site/shift, powering weekly ops reviews and contributing to a 10% drop in misclassification.
- Translated model performance metrics into business outcomes—mis-sort cost, rework minutes, on-time dispatch, chargebacks—and built Power BI dashboards that highlighted bottlenecks and reduced manual touches on sorting lines.
- Ran A/B evaluations of real-time detection rollouts, quantifying ROI (labor minutes saved, fewer rescans, higher throughput) and prioritizing deployments adopted by operations leadership.

## PROJECTS

### Sentiment Analysis of New York Times Articles | Python, BERT, GCP

Sep 2024 – May 2025

- BERT-based NLP pipeline and GCP/Streamlit dashboard to analyze **500k+ NYT articles/week**, surfacing sentiment trends and emerging topics across sectors.

### Urban Wildlife Habitat Interaction Visualization in Central Park | Python, R

Jun 2024 – Aug 2024

- Mapped squirrel activity vs. tree density using geospatial analysis and shipped a Shiny app for interactive exploration

### Credit Card Recommendation System for College Students | Python, R, Scikit-learn, NLTK

Sep 2023 – Dec 2023

- Combined CFPB data/surveys with scikit-learn + NLP to rank cards by student preferences, improving match relevance.

## SKILLS

- Programming:** Python (Pandas, NumPy, scikit-learn, Statsmodels) | SQL | R | MATLAB | Tableau | Power BI | Excel(Power Query, Pivot) | MySQL | Databricks | AWS
- Technical:** A/B testing | Forecasting & Time Series | Regression/Classification | Clustering | NLP
- Techniques:** Analytical thinking | Data storytelling | Stakeholder communication | Experiment design | Product sense | Cross-functional collaboration