

QIYA HUANG

New York, NY | +1 (347) 231-4258 | qh2044@nyu.edu | LinkedIn | Personal Website

PROFESSIONAL SUMMARY

Data-driven **Product Manager** with a strong technical foundation in AI/ML and analytics. Proven track record in leading **0-to-1 product development**, optimizing user engagement through AI/NLP solutions, and translating complex data into actionable roadmaps and user-centric solutions.

EDUCATION

New York University, MS in Data Science, GPA: 3.89/4.0 *Expected May 2026*

New York University Shanghai, BS in Data Science, Minor: Interactive Media Arts *Sept. 2024 – May 2024*

EXPERIENCE

PlanetArt | *Data Scientist Intern (Product & Analytics)* | Los Angeles, CA *May 2025 – Aug. 2025*

- Led 0-to-1 development of an automated sales forecasting pipeline for a personalized e-commerce platform, integrating SARIMA and LightGBM models to drive dynamic pricing strategies.
- Influenced promotional roadmaps by synthesizing multi-brand market data to identify holiday spikes, resulting in optimized inventory planning and reduced stock-outs.
- Validated model scalability on AWS, balancing technical performance with business requirements to ensure 99% reliability for daily demand predictions.

GardenStar Group | *Data Science & Strategy Intern* | New York, NY *Jan. 2025 – May 2025*

- Engineered a dynamic financial model in Excel with sensitivity analysis, reducing uncertainty in projected returns by 25% for real estate investments.
- Synthesized demographic and market data using Python/SQL to author investment proposals and identify high-growth market opportunities.

Medipath Intelligent Technology | *NLP Product Intern* | Hangzhou, China *May 2023 – Aug. 2023*

- Optimized a locally built medical subtitle generation system, achieving a 50% increase in transcription accuracy through VAD (Voice Activity Detection) and audio segmentation.
- Reduced processing latency, enabling 1-hour videos to be processed in 1 minute for on-premise deployment.

DAS-Security | *Product Management Intern* | Hangzhou, China *Jun. 2022 – Aug. 2022*

- Managed the enterprise data security product feedback loop, prioritizing user pain points to drive iterative improvements and increase client satisfaction.
- Accelerated the Bidding Process for a major banking client by developing sample datasets and use cases, resulting in a data-driven proposal customization.
- Bridged technical gaps by translating complex specifications into client-facing white papers.

PROJECTS

Farmhand (MIT Reality Hack 2026) | *Product Lead & Developer* *Jan. 2026*

- Led 0-to-1 product strategy for an AR agricultural app, orchestrating a multi-modal pipeline that integrates computer vision for soil diagnostics with real-time GPS data to optimize farmer decisions.

Emomusic | *Product Lead* *Sept. 2025 – Sept. 2026*

- Identified and addressed “cold start” and “vocabulary gap” barriers in traditional music discovery by designing an emoji-driven search interface that reduced the cognitive load of translating emotions into text.
- Validated product-market fit through a user study (N=16) that demonstrated superior user immersion and “intuitive” discovery compared to keyword-based search.

SKILLS

Product & Analytics: A/B Testing, Statistical Analysis, Tableau, Excel, Product Roadmap, User Research.

Programming & Data: Python (Scikit-learn, TensorFlow, Flask), SQL, R, Git, Machine Learning, Forecasting.