

HANYU LIU

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Shanghai, China | Open to Beijing, Shenzhen, Singapore

Applied AI Product Manager | Agentic Systems | Enterprise Workflow Automation

SELECTED AI PRODUCT WORK

- AI Quote Copilot — AI-powered Garment Quoting System** Independent Product Lead & System Architect 2026.08 - Present
0-to-1 AI quoting system | 216 real-world quotes | 0.64% mean system computation error on 149 reviewed quotes
- Product Strategy & Ownership:** Defined a quoting product around converting unstructured manufacturing documents into verifiable costs; validated the initial workflow on a real historical order, established an attribution-based calculation error metric, and prioritized correctness and delivery over frontend redesign using feedback from human cost reviews.
 - AI System Architecture:** Hybrid LLM–rule-engine architecture separating document interpretation from deterministic costing; constrained model outputs with structured business objects, evidence checks, and layered business rules; escalated unresolved conflicts to human review; controlled upgrade risk with delivery snapshots and regression checks.
 - Reliability & Evaluation:** Evidence validation, uncertainty management, hash-chained result traceability, and human-in-the-loop review; an independent review agent, real-order regression tests, and error classification turn reviewer feedback into rules, reducing regression risk; multi-model routing with monthly spend caps balances accuracy and model cost.
 - Business Validation:** Validated on 26 real inquiries: every quote checked line by line against human cost reviews, with error counted at the system level only, net of human-set parameters and business-term adjustments; review findings flow back into rules and regression cases — built independently, validated on real business cases, iterated continuously.

PROFESSIONAL EXPERIENCE

- Glenbrook Consulting Inc.** Business & Spatial Strategy Research Associate, Full-time Jersey City, U.S. | 2025.12 - 2026.07
- AI Data Architecture:** Led semantic modeling and schema consolidation of multi-source unstructured data, using LLM interpretation, schema standardization, and entity linking to unify 300K+ spatial and business records into a reusable data foundation.
 - Decision Intelligence:** Turned demographics, accessibility, competition, and risk into 10+ standardized decision features within a data-governance, feature-engineering, and multi-criteria evaluation framework for site selection and investment decisions.
 - Product & Business Impact:** Served 20+ Series A–C AI and consumer-tech firms with decision workflows for market entry and growth.
- Jiangxi Vatica Co., Ltd.** Product Development & Overseas Business, Full-time Jiangxi, China / New York, U.S. | 2024.09 - 2025.06
- Identified manual follow-up bottlenecks in cross-department production planning and independently built a Python automation system tracking milestones for 1,000+ orders across 14 departments, lifting monthly delivery efficiency by 60%.
 - Reporting to the CEO of an apparel manufacturer and exporter, drove overseas BD and brand expansion including the New York office cold start; worked with Champion, Disney, Qatar Airways, and the Australian Open on 100+ IP-licensed launches.
 - Planned international trade shows including Apparel Sourcing USA, Texworld USA, and the Canton Fair, coordinating 1,000+ sample displays, buyer traffic flow, and the client-conversion process, lifting lead conversion by 80%.
 - Coordinated five cross-functional teams (design, sourcing, manufacturing, supply chain, sales) to commercialize new products; ran U.S. and Mexico site-selection assessments and an APAC supply-chain relocation feasibility study.
- ByteDance (TikTok)** Partner Enablement Strategy Operations, Internship Shanghai, China | 2022.06 - 2022.08
- Contributed to A/B testing and UX optimization of the creator onboarding flow; the project lifted onboarding by 45%.
 - Analyzed 3M+ creator profiles and turned 2,000+ weekly requests into product inputs, lifting creator satisfaction 5% MoM.

ENTREPRENEURSHIP & BUSINESS PRACTICE

- POCOO Green Life, LLC** Founder New York, U.S. | 2023.07 - Present
- Took a consumer brand from market research and user-need validation to MVP and commercialization, leading product, supply chain, and brand operations; validated demand on Kickstarter, raising \$10K+ with 2M+ social-media impressions.
- USWOO Realty LLC** Business Consultant New York, U.S. | 2024.02 - 2025.09
- Delivered market research on 300+ Manhattan properties for positioning, site selection, and investment; organized 5,000+ project and client records for AI ad testing and customer profiling, lifting acquisition efficiency 60%+ MoM.

EDUCATION

- Columbia University** M.S. in Building Science and Technology, GPA 3.7 / 4.0 (Top 10%) New York, U.S. | 2020.09 - 2023.05
- Research focus: Computational Design, Spatial Computing, Multimodal Interaction, and Data-driven Design.
- University of Washington** B.A. in Architectural Design, GPA 3.6 / 4.0 (Top 5%) Seattle, U.S. | 2016.09 - 2019.06

SKILLS & AWARDS

- AI Product & Systems:** agentic workflows, LLM + rules-engine architecture, human-in-the-loop, regression testing, multi-model routing
- Data & Automation:** Python, SQL, GIS (ArcGIS), Tableau, Power BI, Excel; AI-assisted development (Claude Code)
- Design & Tools:** Revit, Rhino, 3ds Max, AutoCAD, Adobe Creative Suite; Global Top 20, 2019 Tamayouz International Award
- Languages:** Mandarin (Native), English (Professional), French (Conversational)