KUOSHIH (TONY) YANG

AI Data Product Owner | Enterprise Data Governance & Applied GenAI

New York, NY · Open to relocating

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SUMMARY

AI Data Product Owner and A-CSPO with 8+ years at the Federal Reserve Bank of New York bridging domain experts, governance, and AI engineering to ship RAG and governed data products.

SKILLS

AI: RAG, agentic AI, LLM evaluation (Ragas, HITL, ground-truth design), LangChain, LangGraph, MCP, AWS Bedrock (Claude), AWS Strands SDK

Data: Starburst, Collibra, Alteryx, Databricks, Apache Hive, SQL, Python; governance, quality, metadata

Product & cloud: Agile (A-CSPO, CSM), roadmap/backlog, stakeholder alignment; AWS, GCP, TS

EXPERIENCE

Data Management Specialist *(Internal AI Product Owner)*, **Federal Reserve Bank of New York 10/2018 – Present**

AI product delivery, evaluation, and enablement for the Markets Group | 2025 – Present

- Owned delivery of a production RAG knowledge base on AWS Bedrock (Claude) for risk reviews.
- Founded Prompt Academy, a gamified AI enablement platform scaling to 100+ users across the Fed System.
- Led a 4-person team building a survey-data tagging POC (handed off); intern earned a full-time offer.
- Drove 0-to-1 discovery to prototype 3 AI agents (Outlook, Jira/Confluence, HR doc reader in testing) and a Survey of Market Expectations POC (AWS Strands SDK).
- Defining requirements and prototyping a multi-agent stablecoins research platform (LangGraph, in dev).

Data products, governance, and product ownership | 2018 – 2025

- Managed a 9-person data specialist team overseeing operational data and governance as Associate Director.
- Automated CBIAS due diligence (40+ hrs/wk saved) and daily quality checks (3–4 hrs/day) in Alteryx.
- Led data stewards to catalog 50+ assets and refactor 50 legacy views into governed Starburst data products.
- Developed STREAM, a UX adoption framework for Starburst with Collibra metadata integration (80% positive feedback, ~25% faster discovery).
- In the 2023 banking crisis, built 15+ Alteryx workflows enabling rapid, governed data products in Apache Hive.
- Served on the Data Analytics Governance Board; reviewed data governance, sharing, and stewardship policy.

Delivery Manager, Publicis Groupe **07/2013 – 10/2018**

- Owned delivery of ad planning, purchase authorization, and reporting platforms supporting millions in ad spend.
- Built QlikView dashboards, ETL workflows, and data models; proof-of-concept dashboards helped win business.

INDEPENDENT PROJECTS

- **Table Tennis SB —** iOS match-tracking app for competitive junior players, live on the App Store with in-app subscriptions and multi-language support. React, TypeScript, Capacitor, Firebase.
- **security-audit —** open-source AI security scanner (github.com/YangKuoshih/security-audit): 44 secret and vulnerability patterns mapped to OWASP Top 10, with redacted Markdown, JSON, and SARIF reports.
- **SimGent (F1 Simgent) —** open-source F1 telemetry, race-replay, and AI pit-wall cockpit (1950–2026); live at simgent.tonyyang.work on Cloud Run with an MCP server; MIT.

EDUCATION AND CERTIFICATIONS

MBA, Finance and Computer Information Systems, Baruch College · BA, Computer Science, University at Buffalo

AWS Certified AI Practitioner (Dec 2024) · A-CSPO (Jul 2025) · CSPO (Dec 2023) · CSM (Apr 2021)