Cynthia (Mengyuan) Li

Product Manager | AI & Data Platforms | Automation & Enterprise Systems

Portfolio: https://cynthialmy.github.io/

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Experience

Volvo Cars — Gothenburg, Sweden

Product Manager, Data & AI Platforms → Global Operations Systems — *Aug 2023 – Present*

- Owned product strategy for an AI-enabled trade compliance platform, standardizing global workflows and driving **30-100M SEK ($3-10M)** in annual duty savings potential.
- Launched Volvo's first GenAI procurement assistant by designing a custom RAG pipeline on Azure; enabled **6,800+ hours saved annually** and **36M SEK ($3.3M)** in sourcing value.
- Built enterprise-wide Data Contract tooling and automated real-time compliance workflows; reduced QA time for **50+ teams** by 14%.
- Defined roadmap, OKRs, and adoption strategy for enterprise capabilities in HS classification, FTA optimization, and customs regime automation; reduced compliance risk and operational overhead.
- Orchestrated cross-functional alignment with engineering, logistics, and legal teams to scale automation across import/export lifecycles, improving throughput and cycle time.

SAP — Shanghai, China

Product Specialist, SAP Cloud Platform — *Feb 2022 – Aug 2022*

- Led SAP Cloud Platform integration for **EDIFACT automation**, accelerating **$50M+** in B2B transactions.
- Coordinated engineering, infrastructure, and deployment teams across **3 countries** to reduce integration time by **25%** and improve uptime to **99.9%**.

Airwallex (Global Fintech) — Shanghai, China

Product Manager Intern, Payments Infrastructure — *Nov 2021 – Feb 2022*

- Redesigned batch transaction workflows, increasing system throughput by **20%** and supporting **$10M+** in monthly payment volume.
- Drove the rollout of **SWIFT payments in 17 countries**, aligning regulatory, compliance, and engineering teams; reduced settlement errors by **30%** across **5,000+** monthly transactions.

Alibaba Group — Hangzhou, China

Software Engineer, Logistics Platform — *Jul 2021 – Nov 2021*

- Built real-time **logistics tracking APIs** with location accuracy improved by **12%** across multiple hubs.
- Contributed to sprints, code reviews, and QA readiness, increasing delivery velocity and ensuring team timelines were consistently met.

Atkins (Engineering Consultancy) — Atlanta, GA

Engineer I → II, Infrastructure Data Analytics — *Jan 2018 – Jun 2021, Aug 2022 – Jul 2023*

- Developed **ML pipelines** for anomaly detection and predictive maintenance across **8,000+ U.S. bridges**; improved maintenance efficiency by **35%** and reduced analysis time by **43%** for DOT customers.
- Designed scalable **ETL pipelines** processing **50+ TB** of infrastructure data; automated federal compliance workflows, reducing manual processing by **70%** across multiple states.
- Implemented **computer vision** and **NLP** tools for infrastructure inspection reporting, improving accuracy, triage speed, and analytics readiness.

Independent Projects

Full-Stack Builder

- **AI Referral & Job Matching Platform:** Developed ML matching algorithms using NLP + collaborative filtering; built A/B testing framework and automated scoring for 2,000+ users, improving match accuracy by 40%.
- **Second-Hand Market Automation Tool:** Developed a browser extension using TensorFlow/PyTorch for image classification; designed a RAG-powered product categorization system; reduced listing time by 80%.
- Created 2 iOS apps (AI task generator for parents, AI resell assistant) and founded an art business generating **$15K+** in revenue.

Education

Georgia Institute of Technology — Atlanta, GA

M.Sc. in Computer Science, GPA: 3.8/4.0 — *2021 – 2023 (while working full-time)*

- Teaching Assistant, Data Visualization Lab @Georgia Tech Library

Hong Kong University of Science and Technology — Hong Kong

B.Eng. in Engineering & Computer Science, Honors — *2013 – 2017*

Technical Skills

- **AI/ML:** LangChain, Hugging Face, RAG pipelines, TensorFlow, PyTorch, scikit-learn, MLflow, Kubeflow
- **Data & Infra:** SQL, Python, ETL/ELT pipelines, Data Contracts, Data Governance, Azure AI Services, Docker, Kubernetes
- **Development:** JavaScript, React, Java, Swift, Azure DevOps, Git, Figma, JIRA
- **Certifications:** AWIT PM (2024), IIBA PM (2023), GenAI Solutions with Azure (2023), SAP Cloud Platform (2022)