

# Cynthia (Mengyuan) Li

Product Manager | AI Decision Systems, Risk & Governance

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

LinkedIn: <https://www.linkedin.com/in/mengyuan-li-cynthia/>

Email: [cynthiamengyuanli@gmail.com](mailto:cynthiamengyuanli@gmail.com)

Mobile: (+46)70-569-6136

U.S. work authorization: no sponsorship required

## Experience

### Volvo Cars

Product Manager - AI Decision Systems (Risk, Compliance & Platforms)

Gothenburg, Sweden

Aug 2023 – Present

- Owned end-to-end strategy and multi-year roadmap for a global AI-driven trade compliance platform, explicitly designing human-in-the-loop decision boundaries for high-stake cases, standardizing workflows across regions and delivering **30-100M SEK (\$3-10M)** in annual duty-savings.
- Led cross-functional product development (engineering, legal, logistics, procurement) to launch Volvo's first GenAI-powered procurement decision support system, building a policy-aware RAG pipeline on Azure; saved **6,800+ hours/year** and generated **36M SEK (\$3.3M)** in sourcing value.
- Defined risk tiers, acceptance criteria, and escalation paths for AI-assisted decisions, ensuring that ambiguous or high-impact cases were routed to expert review rather than automated resolution.
- Built enterprise data contracts and governance tooling to validate inputs and outputs for compliance-critical workflows, reducing analytics QA time by 14% across **50+ teams**.
- Defined OKRs and phased rollout for agentic workflows (HS classification, FTA optimization, customs regimes), constraining model autonomy in high-impact scenarios to reduce compliance risk while scaling throughput and reliability.

### SAP

Product Specialist - Automation & Integration Platforms

Shanghai, China

Feb 2022 – Aug 2022

- Led B2B integration platform enhancements on SAP Cloud Platform, enabling EDIFACT-based automation and accelerating **\$50M+** in annual transaction volume.
- Coordinated engineering, infra, and release teams across 3 countries, cutting customer integration time by **25%** and improving platform uptime to **99.9%**.

### Airwallex

Product Management Intern - Global Payments Infrastructure

Shanghai, China

Nov 2021 – Feb 2022

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

### Alibaba Group

Software Engineer - Real-Time Logistics Platforms

Hangzhou, China

Jul 2021 – Nov 2021

- Contributed to real-time logistics and event-processing systems at scale, improving shipment visibility and execution reliability across distributed hubs.
- Gained hands-on experience with high-throughput, latency-sensitive systems, informing later product decisions around scalability, observability, and failure modes.

### AtkinsRéalis

Engineer I promoted to II, Infrastructure Analytics & ML Platforms

Atlanta, GA

Jan 2018 – Jun 2021 | Aug 2022 – Jul 2023

- Designed and deployed ML-driven risk detection systems (anomaly detection, predictive maintenance) for 8,000+ safety-critical bridges used by U.S. DOT agencies, where false negatives carried real-world public safety risk, requiring conservative thresholds and human review for high-impact cases.
- Built scalable ETL and analytics pipelines (50+ TB) to support federally regulated compliance workflows, reducing manual processing by 70% while maintaining auditability and traceability.
- Implemented computer vision and NLP pipelines for inspection triage and reporting, improving defect detection accuracy and reducing time-to-action in safety reviews for high-risk findings.

## Education

### Georgia Institute of Technology

M.Sc. in Computer Science

Atlanta, GA

GPA: 3.8/4.0

- Teaching Assistant, Data Visualization Lab @Georgia Tech Library

### Hong Kong University of Science and Technology

B.Eng. in Engineering & Computer Science

Hong Kong

Honors

## Skills

**Product & Leadership:** Product Launch, Platform Strategy, Product Discovery, OKRs, Cross-functional Leadership, Experimentation

**AI / Data / Infra:** LangChain, Hugging Face, RAG, Python, SQL, OpenAI API, ETL/ELT, Azure AI Services, Docker, Kubernetes

**Development & Tools:** JavaScript, React, Java, Swift, Azure DevOps, Git, Figma, JIRA, Cursor