

Cynthia (Mengyuan) Li
Product Manager | AI & Data Platforms | Enterprise Automation

Portfolio: https://cynthialmy.github.io/
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U.S. work authorization: no sponsorship required

Experience

- Volvo Cars
Product Manager - AI Decision Systems
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