Cynthia (Mengyuan) Li

Product Manager | AI, Data Platforms & Automation

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Experience

- **Volvo Cars**
  Product Manager - AI & Automation Platforms (Global Trade)
  Gothenburg, Sweden
  Aug 2023 – Present
  - Owned strategy for Volvo's AI-driven trade compliance platform, standardizing global workflows and unlocking **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 checks, reducing analytics QA time for **50+ teams** by 14%.
  - Defined roadmap, OKRs, and adoption strategy for automated HS classification, FTA optimization, and customs-regime workflows, reducing compliance risk and operational overhead.
  - Aligned engineering, logistics, and legal teams to scale automation across import/export lifecycles, improving throughput and cycle time.

- **SAP**
  Product Specialist - Automation & Integration Platforms
  Shanghai, China
  Feb 2022 – Aug 2022
  - Led SAP Cloud Platform integration for EDIFACT automation, accelerating **$50M+** in annual 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)**
  Product Manager Intern - Global Payments Infrastructure
  Shanghai, China
  Nov 2021 – Feb 2022
  - Redesigned batch-transaction workflows, increasing system throughput by **20%** and supporting **$10M+** in monthly payment volume.
  - Drove rollout of SWIFT payments in 17 countries by 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
  - Developed real-time logistics tracking APIs, improving location accuracy 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)**
  Engineer I → II, Infrastructure Analysis
  Atlanta, GA
  Jan 2018 – Jun 2021, Aug 2022 – Jul 2023
  - Developed ML pipelines for anomaly detection and predictive maintenance across **8,000+ U.S. bridges**, improving maintenance efficiency by **35%** and reducing analysis time by **43%** for DOT agencies.
  - 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 (NLP + collaborative filtering) and an automated scoring + A/B testing framework 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**
  M.Sc. in Computer Science, GPA: 3.8/4.0
  Atlanta, GA
  2021 – 2023 (while working full-time)
  - Teaching Assistant, Data Visualization Lab @Georgia Tech Library

- **Hong Kong University of Science and Technology**
  B.Eng. in Engineering & Computer Science, Honors
  Hong Kong
  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)