Cynthia (Mengyuan) Li

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

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Experience

- **Volvo Cars**　　　　　　　　　　　　　　　　　　　　　　　　　　Gothenburg, Sweden
  Product Manager, Data & AI Platforms → Global Operations Systems　　　*Aug 2023 – Present*
  - Driving AI and automation initiatives in **Global Trade Management & Compliance**, optimizing trade, logistics, and customs workflows across global markets.
  - Developing intelligence-driven tools to reduce operational risk, support regulatory compliance, and enable **preferential trade agreements**.
  - Partnering with logistics and customs teams to identify automation opportunities and streamline cross-border trade processes.
  - Launched Volvo's first **GenAI procurement assistant** by designing a custom **RAG** pipeline on **Azure**; enabled **6,800+ hours saved annually** and 36M SEK in sourcing value.
  - Built enterprise-wide **Data Contract tooling** and automated real-time compliance workflows; reduced analytics QA time for **50+ teams**.
  - Owned strategy and roadmap for internal **data visualization platforms**; conducted **50+ user interviews** to unify systems and improve onboarding.
  - Piloted **computer vision** and **GenAI** use cases for automotive image enhancement; secured cross-functional stakeholder buy-in.
- **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 Intern, 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 team delivery velocity.
- **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)