

Cynthia (Mengyuan) Li

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

Calendly: <https://calendly.com/cynthiali/30min>

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SUMMARY

Product Manager with expertise in data platforms, backend engineering, and data analytics. Proven success in driving data-driven decision-making, streamlining developer workflows, and enabling scalable solutions across global teams.

EXPERIENCE

- Volvo Cars** Gothenburg, Sweden
Global Rotation - Data Platform Aug 2023 - Present
 - Lead Capture & Tracking:** Drove key product initiatives within the Fleet cluster, focusing on Search Engine Optimization (SEO), Conversion Rate Optimization (CRO), and lead generation strategies. Led the development of dashboards and user segmentation tools using Power BI, improving lead quality tracking by 25%.
 - Generative AI for Procurement:** Spearheaded the creation of a **Generative AI platform** for contract management using Azure OpenAI, reducing contract retrieval time by 70% and benefiting over 600 users.
 - Data & Analytics Platforms:** Developed a YAML-based **data governance model**, improving data integrity by 20%, and standardized governance practices across analytics teams. Automated **data validation workflows** using Python, integrated into CI/CD pipelines via GitHub Actions, increasing compliance efficiency by 15%.
- Atkins** Atlanta, GA
Engineer II Jan 2019 - Jun 2021, Aug 2022 - Jul 2023
 - Data-Driven Bridge Analysis:** Designed and implemented a **data ingestion platform** for structural engineering workflows, improving decision-making efficiency by 30%. Built Python-based **data visualization tools** (Bokeh, D3.js), enabling interactive analysis of large datasets and reducing analysis time by 40%. Automated bridge rating workflows, enhancing client project delivery efficiency by 30%.
- SAP** Shanghai, China
Consultant - Cloud Platform Feb 2022 - Aug 2022
 - Cloud Applications & Data Integration:** Implemented a cloud-based **data integration framework**, achieving a 38% improvement in data processing accuracy and compliance with EDIFACT standards. Collaborated with development teams to refine **data flow architecture**, leading to a 20% increase in user adoption and a 15% reduction in error rates.
- Airwallex** Shanghai, China
API Product Manager - Global Transfer Payment Network Nov 2021 - Feb 2022
 - User Flow Enhancement:** Redefined the **Batch Maker-Checker workflow**, improving operational scalability and enabling a 20% higher transaction volume with faster processing.
 - Strategic Market Expansion:** Partnered with engineering teams to expand the global SWIFT network to **17 countries**, increasing market reach by 25%.
- Alibaba Group** Hangzhou, China
Backend Engineer - Last-mile Delivery Jul 2021 - Nov 2021
 - False Delivery Monitoring:** Developed a **RocketMQ-based feedback processing system**, reducing error reports by 74% and improving platform reliability. Enhanced system scalability to handle peak loads, increasing customer satisfaction by 15%.

SKILLS

- Platform Tools & Frameworks:** Kubernetes, Kafka, Airflow, Snowflake, RocketMQ
- Programming & Automation:** Python (Data Validation, CI/CD), RESTful API Development, YAML, Terraform
- Data Engineering & Analytics:** SQL, Data Contracts, Data Governance, Data Pipelines
- User Tools Design:** Wireframing and prototyping dashboards and internal tools (Figma, Miro)
- Languages:** Fluent in English, Mandarin, and Cantonese

EDUCATION

- Georgia Institute of Technology** Atlanta, GA
M.Sc. in Computer Science, GPA: 3.77/4.0 Aug 2021 - Aug 2023
- Georgia Institute of Technology** Atlanta, GA
M.Sc. in Structural Engineering, GPA: 3.8/4.0 Aug 2017 - Dec 2018
- Hong Kong University of Science and Technology** Hong Kong
B.Eng. in Structural Engineering and Computer Science, Honors Sep 2013 - Jun 2017
- Certifications:** AWIT Product Management Professional (2024), IIBA Certified Product Manager (2023), Develop GenAI Solutions with Azure OpenAI (2023), SAP BTP Certified Developer (2022)