

Cynthia (Mengyuan) Li

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

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

Email: cynthiamengyuanli@gmail.com | Mobile: (+46)70-569-6136

EXPERIENCE

- Volvo Cars** Gothenburg, Sweden
Global Rotation - Data Platform Aug 2023 - Present
 - Fleet Shopping Product:** Led the rollout of key features, including **test drive forms** and **lead capture forms**, across 9 international markets, improving lead generation processes. Collaborated with stakeholders to define event tracking standards, enhancing analytics consistency. Streamlined the team's Azure DevOps structure, increasing operational efficiency.
 - AI for Procurement:** Enabled the development and global launch of an intelligent Teams Chatbot powered by **Azure OpenAI** and **RAG framework**. Built scalable data pipelines to integrate and streamline contract data from multiple sources (e.g., VGS) into the chatbot's backend, ensuring real-time responses to user queries, reducing contract retrieval times by 70% for over 600 buyers and managers to efficiently interact with contract data across EMEA, APAC, and the Americas.
 - Analytics Governance:** Implemented a **governance framework** to standardize data practices across analytics teams, improving data integrity by 20%. Automated compliance workflows using Python and GitHub Actions, reducing validation time by 15%. Collaborated with cross-functional teams to develop key use cases, conduct user interviews, and gather feedback from data teams.
- Atkins** Atlanta, GA
Engineer II Jan 2019 - Jun 2021, Aug 2022 - Jul 2023
 - Data-Driven Structural Workflows:** Designed and implemented a **data ingestion platform** to streamline structural engineering processes, increasing decision-making efficiency by 30%. Automated bridge rating workflows using Python, accelerating project delivery timelines and enhancing operational efficiency by 30%.
 - Interactive Data Visualization:** Developed Python-based **visualization tools** (Bokeh, D3.js) to enable real-time analysis of large datasets, reducing analysis time by 40% and improving client reporting.
- SAP** Shanghai, China
Consultant - Cloud Platform Feb 2022 - Aug 2022
 - Data Integration Framework:** Implemented a cloud-based **data integration framework**, achieving a 38% improvement in data processing accuracy and full compliance with EDIFACT standards.
 - Architecture Optimization:** Refined and optimized **data flow architecture**, leading to a 20% increase in user adoption and reducing system error rates by 15%.
 - Stakeholder Alignment:** Collaborated with stakeholders across product and engineering teams to deliver scalable cloud solutions that addressed client needs and compliance requirements.
- Airwallex** Shanghai, China
Product Manager - Global Transfer Payment Network Nov 2021 - Feb 2022
 - Workflow Scalability:** Redesigned and optimized batch workflows, increasing transaction volume capacity by 20% and reducing processing times. Led cross-functional teams to ensure seamless implementation and improved user experiences.
 - Payment Network Expansion:** Collaborated with engineering teams to expand the SWIFT payment network to 17 countries, enhancing market reach by 12%. Aligned technical execution with strategic market expansion goals for successful deployments.
- Alibaba Group** Hangzhou, China
Backend Engineer - Last-mile Delivery Jul 2021 - Nov 2021
 - Feedback System Optimization:** Developed and deployed a **RocketMQ-based feedback processing system**, reducing false delivery reports by 74% and improving platform reliability.
 - Scalable System Design:** Enhanced system scalability to handle peak loads during high-demand periods, increasing customer satisfaction by 15%. Ensured robust fault tolerance through real-time monitoring solutions.
 - Cross-Functional Collaboration:** Worked closely with product and operations teams to align system performance with user experience expectations, delivering improvements within tight deadlines.

SKILLS

- Platforms & Programming:** Kubernetes, Kafka, Airflow, Snowflake, RocketMQ, Python, RESTful, GraphQL, YAML, Terraform
- Data Engineering & Analytics:** SQL, Data Contracts, Data Governance, Data Pipelines, Power BI
- Product Management :** JIRA, Confluence, Azure DevOps, Wireframing and prototyping dashboards and internal tools (Figma, Miro)
- Certifications:** AWIT Product Management Professional (2024), IIBA Certified Product Manager (2023), Develop GenAI Solutions with Azure OpenAI (2023), SAP BTP Certified Developer (2022)
- Languages:** Fluent in English, Mandarin, and Cantonese

EDUCATION

- Georgia Institute of Technology** Atlanta, GA
M.Sc. in Computer Science (2021–2023), M.Sc. in Structural Engineering (2017–2018), GPA: 3.77/4.0
- Hong Kong University of Science and Technology** Hong Kong
B.Eng. in Structural Engineering and Computer Science, Honors Sep 2013 – Jun 2017