

Experience

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| Volvo Cars <i>Product Manager - AI Decision Systems (Risk, Compliance & Platforms)</i> | Gothenburg, Sweden Aug 2023 – Present |
| <ul style="list-style-type: none">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 <i>Product Specialist - Automation & Integration Platforms</i> | Shanghai, China Feb 2022 – Aug 2022 |
| <ul style="list-style-type: none">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 <i>Product Management Intern - Global Payments Infrastructure</i> | Shanghai, China Nov 2021 – Feb 2022 |
| <ul style="list-style-type: none">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 <i>Software Engineer - Real-Time Logistics Platforms</i> | Hangzhou, China Jul 2021 – Nov 2021 |
| <ul style="list-style-type: none">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 <i>Engineer I promoted to II, Infrastructure Analytics & ML Platforms</i> | Atlanta, GA Jan 2018 – Jun 2021 Aug 2022 – Jul 2023 |
| <ul style="list-style-type: none">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

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| Georgia Institute of Technology <i>M.Sc. in Computer Science</i> | Atlanta, GA GPA: 3.8/4.0 |
| <ul style="list-style-type: none">Teaching Assistant, Data Visualization Lab @Georgia Tech Library | |
| Hong Kong University of Science and Technology <i>B.Eng. in Engineering & Computer Science</i> | Hong Kong Honors |

Skills

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| 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 |