

PROFESSIONAL EXPERIENCE

Senior Product Manager – Recommendations - Wayfair · Boston, MA | 2023 – Present

- Own strategy and roadmap for ML-powered recommendation and personalization products, spanning customer-facing experiences and reusable platform capabilities across the customer journey.
- Led development of an AI-powered stylistic content and recommendation experience combining multimodal/embedding-based retrieval with an LLM layer to generate personalized inspiration sets and imagery.
- Launched a browse re-ranker ML model for identified and anonymous users, driving an estimated \$90M in annual revenue and improving relevance on key browse surfaces.
- Leading experimentation on a site-wide personalization model, delivering \$16.9M in annual GMV on initial surfaces and establishing a scalable framework to roll personalization into new experiences.
- Delivered several product recommendation strategies across storefront and marketing, contributing ~\$95.9M in incremental annual GMV.
- Defined common patterns across internal ‘customers’ (DS, Marketing, Ads, Category Mgmt, Experience PMs) and translated them into configurable, reusable platform capabilities that increase experimentation velocity and reduce ad hoc work.
- Drove design and alignment for a self-service recommendation platform, enabling DS/ML teams to rapidly launch and iterate on recommendation strategies across organic and Ads surfaces with minimal central-team involvement.
- Act as subject matter expert on data, models, and signals powering recs; champion responsible personalization and experimentation rigor for how customer and catalog data are used.

Product Manager – Event Data & ML Platforms - Wayfair · Boston, MA | 2021 – 2023

- Owned Wayfair’s event streaming and persistence platform supporting Ad Tech, Customer Intelligence, Storefront, Supply Chain, and Analytics.
- Led a GCP cost optimization program delivering \$5.4M in annualized savings and >\$13M in realized gains, with additional runway identified via cluster and retention optimizations.
- Launched a GCP-native Pub/Sub-based, self-serve event platform, using authenticated endpoints and Terraform-based provisioning to cut producer onboarding time from days to minutes.
- Improved throughput and latency (to ~150K events/sec, P95 <100 ms) and launched Retry / Dead Letter Queues to improve reliability and debuggability.
- Partnered with ML platforms to ensure new self-managed models ship with out-of-the-box observability (e.g., Arize integration) tied back to event data.

Product Manager – Performance & DS Features - WordStream by LOCALiQ · Boston, MA | 2019 – 2021

- Owned Account Performance and data science-powered features for an SMB advertising platform.
- Translated customer workflows, feedback, product usage analytics, and competitive research into prioritized roadmaps for performance reporting and optimization features.
- Partnered with Data Science to turn models into user-facing insights and recommendations, ensuring outputs were interpretable and actionable for non-technical users.
- Worked closely with Customer Success and Managed Services to validate problems, refine requirements, and tie features to campaign performance and retention outcomes.

Associate Product Manager – Superpedestrian · Cambridge, MA | 2017 – 2019

- Drove requirements and release planning for embedded software and firmware features at Superpedestrian, partnering with hardware, software, and operations teams to ship reliable, field-ready micromobility products.

SKILLS

- **AI/ML Products & Platforms:** LLM-powered experiences, multimodal models, embeddings/semantic retrieval, contextual retrieval, recommendation & ranking systems, transformer-based personalization, candidate generation & learning-to-rank.
- **Product & Execution:** Technical product management, roadmap & OKRs, A/B testing, experimentation design, stakeholder alignment across business and tech.

EDUCATION

- **University of Massachusetts Boston** M.S., Management of Information Technology
- **Jawaharlal Nehru Technological University** B.Tech, Computer Science Engineering