

Tejas Thvar

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EDUCATION

B.S. Electrical Engineering & Computer Science

B.S. Business Administration
Grade: Honors

Management, Entrepreneurship, and Technology Program at University of California, Berkeley, May 2022

SKILLS

Languages: English (Native/Fluent), Spanish (Professional), Italian (Beginner)

Programming Languages: Python, Java, C/C++, Javascript, HTML/CSS, SQL

Frameworks: PyTorch, Tensorflow, OpenCV, Git, Heroku/Postgres, React, Flask, Node, Docker, Selenium

Platforms: AWS (SageMaker), GCP (Vertex AI), Databricks (MLFlow), Weights and Biases

Tools: Salesforce, Tableau, Looker, Splunk, Figma, Jira, Adobe Experience Platform

LEADERSHIP

Vice President at Capital Investments at Berkeley (student investment fund)

Industrial Relations Officer at Eta Kappa Nu (EECS Honor society, top 25% of undergrads)

Founder & President at Education for All, 501(c)(3) (education nonprofit)

Undergraduate Researcher at RISELab (Computer Vision for self-driving applications)

EXPERIENCE

Product Manager, Yahoo Mail Intelligence

Yahoo | Mountain View, CA | August 2022 - present



Product Manager on Mail Intelligence (AI/ML platform). Part of Yahoo's APM program.

- **Platform/Personalization - Mandalore Infrastructure Scaling:** Researched and defined strategic roadmap for Mandalore, a deep learning model for 1:1 personalized user action prediction.
 - Brainstormed, prioritized, and launched high-impact ML and MLOps initiatives: online real-time inference/data pipeline for >200M users, CI/CD/CT infrastructure, and advanced model R&D.
 - Filed [defensive publication](#) for scaled system architecture, focused on novel methods for feature compression and caching. This was the first time serving an online time series model at Yahoo.
 - Streamlined model consumption for clients by abstracting prediction scores, creating onboarding docs/PRFAQs/demo playground environment, and developing production monitoring dashboards.
- **Platform/Personalization - Mandalore-Enabled Use Cases:** Brainstormed 20+ high ROI use cases powered by action predictions. Prioritized, pitched, and launched email utilities with core product partner teams.
 - **Missed Message Notifications** - Launched personalized "missed message" notifications for inactive users on Android, projected to double inactivity notifications CTR and re-engage 100K+ DAUs.
 - **Architecture Optimization** - Brainstormed platform optimizations powered by Mandalore (intelligent message pre-fetching, intelligent pre-screening for AI post-processing). Successfully pitched to architects and leading execution, projected to save \$5M+ in annualized networking and compute costs.
- **Platform - ML Infra/Ops Research:** Led market research and platform evaluation initiative on key ML/LLMOps providers through competitive analysis, product testing, and vendor/internal discussions.
 - Presented strategic recommendations to engineering and research leadership, focusing on key challenges and resulting pain points from existing on-prem ML Infra stack. Defined and prioritized high-impact ML infrastructure capabilities to invest in, guiding GCP (Vertex AI) migration roadmap.
- **Personalization - High-Intent Traffic:** Led user segmentation initiative to identify and tag users with high shopping intent/brand affinity for increased affiliate pricing.
 - Refined system from iterative heuristics to robust deep learning, tripling monetizable clicks from 2K clicks/day to 6K clicks/day, and projected to unlock ~\$10M in NTM affiliate revenue.
- **Ranking - Affiliate Arbitration:** Researched and optimized affiliate affordance (inbox deals) ranking models. Led cross-platform permutation experiment on waterfall ranking model.
 - Launched a new ranking model into production cross-platform, projected to lift monetizable clicks by +4% and affiliate revenue by +2.5% (~\$1.5M annually).

Associate Product Manager, Verkada Cameras and AI



Verkada | San Mateo, CA | June 2022 - August 2022

PM for license plate recognition (LPR) product: image processing, computer vision, edge computing

- Interviewed customers, identified key pain points, and created LPR user personas/stories.
- Defined high-priority features and PRDs for a refreshed setup flow and page view experience.
- Researched the LPR market through competitive analysis (product + pricing) and field testing.

Analyst Extern, Battery Ventures



Battery Ventures | San Francisco, CA | September 2021 - April 2022

Sourced and led deal due-diligence for early/growth-stage B2B SaaS investments (fintech + AI emphasis).

- Led diligence project on anti-fraud/AML software, focused on ML-enabled transaction monitoring.
 - Conducted rigorous market research and competitive analysis, identified target companies for investment/partnership opportunities, and brainstormed strategic/product recommendations.
 - Presented findings to Battery senior leadership and founding team of Series B portfolio company [Hummingbird](#) (AML / SAR filing software).
- Developed investment theses and pitched investment opportunities to Battery senior leadership.
- Led discussions with target company CEOs and drove financial due-diligence of key SaaS metrics.

Product Development Intern, VMware End-User Computing



VMware | Palo Alto, CA | May 2021 - August 2021

R&D Intern focused on 0->1 product development in enterprise machine learning and security.

- Researched data/business analyst workflows, interviewed users, wrote user stories, and defined product requirements for a natural language to SQL translation chatbot. Developed and demoed a functional prototype that leveraged large language models fine-tuned on custom in-house data.
- Brainstormed, demoed, and filed [patent](#) for an extension recommendation engine securing web browsing.
- Designed and developed automatic neighborhood clustering/rendering for Workspace ONE Campus app.