Yudie Deng

AI Product Manager

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AI Product Manager bridging creative media and technical AI — with hands-on experience in agentic pipelines, generative AI, and enterprise AI safety across USC, Tsinghua, and top Chinese AI companies.

PROFESSIONAL EXPERIENCE

AI Product Researcher,*Tumeryk&USC AI Trust Lab*
1/2026 – present, Los Angeles, CA
- Contributing to the development of Tumeryk's **AI Trust Score™**, a B2B platform that quantifies trustworthiness across multi-agent collaboration pipelines, helping enterprises assess generative AI risks across their entire AI stack
- Defined **risk evaluation dimensions**—including truthfulness, fairness, safety,ethics,robustness,security,transparency—aligned with NIST AI RMF,EU AI Act etc., and built standardized scoring guidelines for each dimension
- Conducted adversarial red-teaming using NVIDIA Garak and scenario-based prompt engineering to validate evaluation rigor across 9 trust dimensions, producing a defensible AI Trust Score™ for enterprise deployment.

AI Product Intern,*Tianji Cloud Technology*
9/2025 – 12/2025, Shenzhen, China (Remote)
- Independently led AI product development in an early-stage team, identifying market opportunities and rapidly **prototyping AI-native applications** from problem definition through technical implementation
- Built Cinematic Mirror, an AI styling product with a **3-stage agentic pipeline**: conversational profiling → film character matching and profile generation → personalized styling consultation, leveraging Gemini to chain structured context across stages and deliver outfit recommendations grounded in individual user profiles
- Developing an AI-powered skin analysis feature integrated with a smart beauty mirror, leveraging computer vision to assess skin conditions and provide personalized skincare recommendations

AI Product Intern, *Zhipu AI*
3/2025 – 7/2025, Beijing, China
- Led **0-to-1** design and launch of a multimodal AI companion product targeting Gen-Z users, defined AI pets with autonomous behavior and human-like social interaction,established behavioral rules, personality systems, and action sequences through prompt engineering to enable immersive companion experiences
- Built a model evaluation framework to select the optimal image-to-video generation model from **4+ candidates**, benchmarking across motion fluidity, character consistency, cost-efficiency, and latency through systematic good/bad case analysis
- Pioneered an **automated storytelling agent** with a script-to-video workflow, and collaborated with algorithm and front-end teams to resolve motion continuity and audio-video sync issues, implementing a forward-reverse playback mechanism for seamless character animation

AI Product Intern, *Enlight Media*
9/2024 – 12/2024,Beijing, China
- Trained **LoRA models** for characters in movies; built image generation workflows in ComfyUI integrating Stable Diffusion such as 2 Loras

EDUCATION

University of Southern California
M.S. in Communication Data Science
8/2025-6/2027,Los Angeles,CA
Courses: Applied AI for Product,Deep Learning, Machine Learning, Data Mining,**GPA: 4.0/4.0**

Tsinghua University
M.S. in Data Communication
9/2024-6/2027,Beijing,China
Courses: Social Computing (Python), Social Network Analysis (R), Data Visualization, Research Methods **GPA: 3.9/4.0**

Beijing Film Academy
B.A. in Cultural Industry Management
9/2020-6/2024,Beijing, China
Courses: Management Science, Visual Language, Commercial Film Planning, Film Finance, Marketing Strategy **GPA: 3.98/5.0**

SKILLS

Technical: Python, R, SQL, LLM API Integration, Stable Diffusion, ComfyUI, LoRA Fine-tuning, NVIDIA Garak, Data Visualization

Product: Prompt Engineering, AI Model Evaluation, A/B Testing, PRD Writing, User Research, Agile/Scrum, Roadmap Planning, Cross-functional Collaboration

Tools: Figma, Notion, Jira, Confluence, Microsoft Office (Excel, PowerPoint), Google Workspace, Final Cut Pro, DaVinci Resolve, Photoshop

Languages: English (Fluent),Mandarin (Native)

PROJECTS

AI Visual Art Interpreter
Building an AI-powered image aesthetics pipeline that scores visual art on a 1-10 scale across formal dimensions

AI Career Engine Product
Designed system architecture for an AI-powered interview coaching platform