ETHAN YANG

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EDUCATION

University of California, Berkeley | B.A. Computer Science, B.A. Data Science   Expected May 2027
Honors: Regents' Scholar (Top 1% of Class), Congressional National App Challenge Winner (1st)   GPA: 3.83
Coursework: Data Structures & Algorithms, Computer Architecture, Interpretation & Structure of Computer Programs, Data Science Principles & Techniques, Probability and Random Processes, Artificial Intelligence, Linear Algebra, Discrete Math

PROFESSIONAL EXPERIENCE

Machine Learning Intern | Claythis   March 2025 – Aug 2025

- Cut manual animation prep time by engineering a diffusion-based video pipeline that automates the conversion of 2D character images into standardized A-poses, enabling use across **5+ diverse character archetypes**
- **Reduced animation jitter by 25%** by developing an A-pose transition model with improved alignment and interpolation
- Preserved character integrity in latent video diffusion by fine-tuning with pose encodings + cross-attention; reduced visible distortion across test clips

Software Engineer Intern | eKadence Learning Foundation   June 2024 – Aug 2024

- Drove a **40% increase in monthly usage** of the ePortfolio feature by leading 5 eng/design interns through a UI overhaul informed by customer feedback + usability tests (tracked in Jira)
- Prototyped **3 new platform features** (mobile app, forums webpage, AI chatbot) that secured executive approval for rollout
- Automated Aeries API data retrieval with PowerShell scripts, cutting manual data-pulling time for the front-end team by **5 hours per week**

Technical Product Manager | Lenovo Venture Capital   Jan 2025 - May 2025

- Identified investment opportunities through market research and analysis of **100+ AI startups** focused on B2B sales
- Assessed GenAI product scalability, architecture, and differentiation by conducting user research with **30+ users**
- Determined product–market fit and commercialization potential of AI-first solutions

AI Technical Product Manager | Oracle   Aug 2024 – Dec 2024

- Influenced the GenAI roadmap by presenting an analysis of **11+ vector DBs & RAG pipelines** to the senior engineer team
- Defined developer experience metrics, proposed latency and recall optimizations for embedding retrieval at scale
- Benchmarked **5+ vector stores** (e.g., FAISS, Pinecone) for indexing, filtering, and multi-query retrieval performance

LEADERSHIP AND PROJECTS

Chief Technology Officer | Spero Apparel   Dec 2024 – Present

- Led a **10 engineer team** to design, develop, and launch Spero's website and design showcase from the ground up
- Drove **$5k+ in revenue** and increased overall sales by 70% by building a webstore that streamlined **90% of all purchases**
- Managed a biweekly release cycle for new features and redesigns, coordinating directly with the Spero board to align the website with new product drops

Project Lead | Product Space   Aug 2024 – Present

- Connected **30+ STEM students** to multiple, industry-focused projects with teams from Google, Meta, YC startups, and more; contracting over **$25,000 in club revenue** and developing professional skills and relationships for students
- Organized speaker panels, networking events, and workshops by outreaching to club alumni and industry professionals

ConcertLink   2024

- Built a Tinder-style app that matches performers with local events/communities, decked with social features for chat, booking, scheduling, song requests, and feedback
- Secured **40+ user signups** and onboarded 5 communities in the first month, leading to 3 successfully executed events

TECHNICAL SKILLS & ACTIVITIES

Languages: Python, Java, C, JavaScript, TypeScript, SQL, HTML/CSS
Libraries/Frameworks: React, Node.js, Next.js, NumPy, Pandas, Firebase, Hugging Face, Stripe, MMPose, OpenCV, LoRA
Developer Tools: Git, npm, Figma, Postman, PowerShell, Jira
Activities: Product Space, ASUC Senate Cabinet, Spero Apparel, Soon Movement Global (Mentor), Youth Tennis Coach