Jason Xu

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EDUCATION

University of Pennsylvania, School of Engineering and Applied Science   Philadelphia, PA
Candidate for Bachelor of Science in Computer Science   *2024 - 2028*

TECHNICAL SKILLS

Languages: Python, Java/Typescript (React & Next), Java, C++, HTML, CSS, Tailwind, OCaml, SQL, Unreal Engine
Tools: Expo, React Native, Git, Firebase, Supabase, Hasura, GraphQL, Postgres, AWS, GCP, Azure, CI/CD, Figma

EXPERIENCE

Founder in Residence   San Francisco, PA
Photon.codes   *December 2025 - January 2026*
- Designed and built tryFlux.ai, vibe-coding IDE for iMessage agents with Next.js, LangChain, and iMessage-kit
- Introduced nested Docker container design for resource sharing between agents, reducing 75% compute costs
- Hit #1 on Product Hunt (350+ upvotes) in 24-hours of launch. Generated 1.5M+ views across social media.

#2 Founding Engineer   New York, NY
Icon.com   *October 2025 - November 2025*
- Reduced onboarding times 25% by building brand ingestion engine with BrowserBase, PostgreSQL, Supermemory
- Reduced ad generation mistakes 75% by building strategist review pipeline with Next, SQL, and Slack Webhooks
- Prevented 20+ possible client churns, saving $50k+ MRR implementing client-product feedback with sales team

Co-founder   New York, NY
Moonbeam   *June 2025 - October 2025*
- Built full-stack career planning app 50% more relevant than LinkedIn search using NLP to analyze resumes for a given role, generating a custom timeline by modeling the career paths of professionals with similar backgrounds
- Queried 150M+ LinkedIn profiles with Clado, storage in Supabase and front-end built with Next.js and Vercel
- Created Flutter mobile app Linge (Tinder x LinkedIn x Hinge) to match users with coffee chats using NLP

Founder   New York, NY
GNEC Hackathon   *January 2023 – Present*
- Founded 5,000+ participant hackathon spanning 85+ countries in 5 seasons with $250,000 in prizes
- Built AWS EC2-hosted sponsor agent with BeautifulSoup4 and STMP, reaching 5,400+ potential partners
- Wrote LLM-integrated scripts to aide judging, paired winning projects with internships at 1,600 UN NGOs
- Invited speaker at the United Nations' 69th Civil Society Conference in Nairobi, Kenya United Nations

Software Engineer   New York, NY
United Nations   *July 2022 – August 2024*
- Used Google Analytics and Google Maps API to develop refugee-aide tracking resource map
- Hybridized Firestore for location storage and RTDB as proxies, optimizing query speed 23% overall
- Developed whitelist system with Firebase Authentication and React admin dashboard for UN personnel
- Monitored security and inaccuracies with Cloud Logging, bulk-correcting locations with Python admin scripts
- Implemented geo-hashing algorithm with regional pre-indexing, reducing 66% of database query costs

PROJECTS

YCombinator AI Startup School Network | *Next.js, Vercel, Pinecone*   June - August 2025
- Developed vector-embedded database of 1240+ users and conversation logs for semantic querying by YC students
- Created front-end search portal in Next.js, using Firebase Auth to stop spam queries and bots
- Launched on LinkedIn with 300k+ views, 700+ new followers, and 452 registered, active users

Content Strategist | *Vibes*   May - August 2025
- 300k+ views on IG (@bing.mov), 250k+ views on YT (@cowland-game-studios), closed deals with Blackbox.ai

17.JasonXu.me | *Next.js, Vercel*   August 2023 – Present
- 10k+ hits, awarded design accolades (site of the day) from CSSDesign Awards, CSSFox, AWWWards