

JIAJUN (NICK) HUO

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EDUCATION

University of Illinois Urbana Champaign	Aug 2024 – May 2026
<i>Master of Science in Information Science (STEM)</i>	Urbana, IL
GPA 3.86/4.0 · Distributed Systems & Database Systems & Applied Machine Learning · U.S. News #1 Information Systems	
Shenzhen University	Sep 2019 – Jun 2023

<i>Bachelor of Science in Mathematics</i>	Shenzhen
GPA 3.79/4.50 (Top 10 %) · 2× merit scholarships · 4 national awards in ML modeling (supply-chain, finance, computer-vision)	

WORK EXPERIENCE

H60 Consulting	Aug 2025 – Present
<i>Software Engineer, Capstone</i>	Remote · Chicago HQ
• Deployed AI chatbot for airline pilots to accelerate access to flight data, directly addressing operational workflow gaps	
• Implemented CI/CD on AWS with GitHub Actions, cutting deployment time by 70% and increasing release frequency	
• Designed LangSmith tracing + closed-loop eval (LLM-as-a-Judge), achieved 100% PR coverage, regressions flagged 24 h	
• Engineered a secure, full-stack login page (Next.js/Tailwind) implementing JWT auth logic via Next.js API Routes	
Donut Labs	Jun 2025 – Aug 2025
<i>Software Engineer Intern – 1st AI Agentic Crypto Browser (Sequoia-backed)</i>	Remote · NYC HQ
• Governed MCP tool-use across 46 actions with enforced OpenAPI contracts and rollout guards, raising task success 22%	
• Engineered a context reuse strategy with Redis caching for model intermediate states, cutting GPU costs by \$2K/month	
• Built a self-improving RAG pipeline with data flywheel on LanceDB, decreasing real-time per-tweet analysis costs by 86%	
Sonic SVM	Mar 2023 – Jul 2024
<i>Software Engineer, Data Infra – Bitkraft-backed SaaS for game studios</i>	Shenzhen
• Launched a self-service analytics platform on GCP with Looker, enabling product teams to answer 80% of data questions	
• Scaled data ingestion 10x using Kafka & Spark to support 200% user growth and international product expansion	
• Automated ETLs with Airflow & dbt, cutting daily processing time from 4 hours to 15 mins and saving \$7K+ monthly	
• Built monitoring with Prometheus & Grafana, reducing critical data incident response time from hours to under 5 minutes	
Baidu	Apr 2022 – Jul 2022
<i>Software Engineer, ML Intern – Premier AdTech Platform with 10,000+ Global Partners</i>	Shenzhen
• Drove 3x ad revenue growth to \$200K/month in 3 months by optimizing traffic arbitrage for emerging publisher clients	
• Conceived 4+ AB testings across user lifecycle to supercharge AARRR metrics, boosting daily new user 1.5x in 1 month	
• Established core user profiles for Snapchat ad channel using K-Means clustering, enhancing ad conversion rates by 9.23%	
Tencent	Nov 2020 – May 2021
<i>Technical Product Manager Intern – The largest WeChat ecosystem platform for universities</i>	Shenzhen
• Drove the full SDLC for campus app, mitigating risks and unblocking dependencies to launch from scratch in 12 weeks	
• Translated product requirements into technical specifications for a real-time notification system serving 50k+ students	

PROJECTS

BiteMatch	Recipe recommender (Top 10% in class), optimized YouTube API calls via Redis caching and quota-aware
Focus Farm	Built a vision-based focus tracker using Gemini 3 Vision to process live streams and map user behaviors
miaodiapp.com	Defined the 0-1 product roadmap of the cross-platform note-taking app with 103k+ downloads

SKILLS

Languages	Python, TypeScript/JavaScript, Go, SQL, Java, Scala, Rust, Swift, HTML, CSS, Bash/Shell
Technologies	Backend: Django, Node.js Frontend: React, Next.js, Tailwind Data: PostgreSQL, MongoDB, Redis
Cloud/DevOps	AWS (EC2, RDS, S3, Lambda), Git, Linux/UNIX, Terraform, Docker, Kubernetes, Kafka, Prometheus