

Jayden Kim

Houston, TX | 702-773-6115 | jk152@rice.edu | US Citizen (Can Relocate)

EDUCATION

RICE UNIVERSITY, Houston, TX

Bachelor of Science in Operations Research

Bachelor of Science in Applied Math

May 2028

Major GPA: 3.93/4.0

SAT: Math 800, Verbal 730

AWARDS & LEADERSHIP

- **Almost Final Table**, Placed 19/136 at UMich Quant Poker Tournament (nation's largest collegiate poker tournament), 2025
- **First Place** in Rice Medtech Hack-a-thon, 2024
- **Second Place** in EY Case Competition, 2025
- **First Place** in International Violin Concerto Competition, 2023
- **NIAA Swimming State Champion**: Fastest individual swimmer in 100 fly and breaststroke in Nevada, 2023

PROFESSIONAL EXPERIENCE

Goldman Sachs Investment Banking Summer Analyst | June 2026 - August 2026

- Spearheaded development of an **internal multi-agent AI system** after identifying workflow inefficiencies in day-to-day banking execution; self-initiated alongside core internship responsibilities
- Architected a **RAG agent orchestration** on **LangGraph** with a **custom MCP server**, evaluation harness, and full observability/tracing for long-form task execution
- Team pilot reduced internal data pulling and compilation from **~2 hours to 15 minutes** per instance; leadership demo scheduled for August ahead of broader rollout
- Own production of industry landscape decks for live client engagements, synthesizing market sizing and competitive positioning
- Break down open-ended strategic questions into structured analyses combining Refinitiv/Factset data, earnings commentary, and precedent transactions under tight deadlines

Resident @ Harvard St. Commons (Hacker House) | Jan 2026 - May 2026 | Boston, MA (harvardst.co)

- Selected for founder/operator hacker house focused on building technical startups, AI tools, and venture-backed software
- Built and launched BAIR (bair-seven.vercel.app), a haircut and skincare analysis app, after **interviewing 50+ barbers** and identifying miscommunication between client and barbers. Multiple salon adoption and **10 minute decrease** in appointment times
- Won **\$10K** and **2nd place** at Boston's largest pitch competition hosted by Arcangel & Shopline; won multiple Harvard/MIT-hosted poker tournaments, one led to **\$250K pre-seed investment offer** from **Entrepreneur First** (\$16B+ AUM, joinef.com)
- Advised on GTM strategy for product-lines for various startups ranging from supply-chain hardware/software (runlaminar.com) to retail consumer camera company (dijie.me); led Meta ads strategy for Dijie, optimizing ROAS and CPC across paid campaigns
- Iterated through 10+ ecommerce sites for various consumer products based on customer sentiment and competitive landscape; led to building a consumer sentiment monitoring platform and a self-sufficient ad campaign pipeline engine.

Data Scientist Intern, Bainbridge Capital & Consulting | May 2024 - August 2024 | San Diego, CA

- Engineered a **Python ETL + scoring pipeline** that parsed SEC, PitchBook, and CapIQ data for 120 fintech/health-tech targets, ranked them by growth-efficiency, and cut **screening time 30%**, producing the 10-company short-list used in two live LOIs

Genomics Researcher, Baylor College of Medicine | Nov 2023 - May 2024 | Houston, TX

- Modeled gene-level expression volatility from **30M+ RNA-Seq / NGS reads** using custom pipelines in Python, R, DESeq2, isolating signals correlated with age-related macular degeneration (AMD) progression
- Clustered **2,000+ non-coding cis-regulatory** elements by expression correlation structure; surfaced 3 high-signal gene networks statistically enriched for retinal degeneration pathways
- Built a filtering pipeline to identify non-random expression spikes across replicates; outputs guided target selection in AMD design

PROJECTS (github.com/jaydenjk0329)

PLSBRO (Decentralized Task Marketplace)

- Building a peer-to-peer and SMB task/favor platforms to leverage social and trust networks to increase individual efficiency.

Risk-Managed Crypto Momentum Strategy & Live Monitoring Platform (Binance.US, 2019-2025)

- **Designed cross-sectional, beta-neutral momentum engine** in **Python (pandas/NumPy)** trading 22 large-cap crypto pairs via the Binance API, with volatility targeting and multi-layer risk management; validated out-of-sample at Sharpe 2.87
- Built a **Streamlit monitoring platform** with a **LangGraph multi-agent layer** (monitor, triage, investigator, briefing agents) that autonomously detects strategy anomalies, forms root-cause hypotheses from live market context, and dispatches Telegram alerts
- Backed by **Postgres** state history for longitudinal reasoning and full observability/tracing on agent runs, demoable end-to-end from a single live dashboard

SKILLS: Python, LangGraph, LangChain, Harness Engineering, R, MATLAB, AI Orchestration, Mathematical Modeling

INTERESTS: Poker, Golf, Basketball, Competitive Swimming, Violin