Harry Feng

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Education

Washington University in St. Louis, St. Louis MO   expected May 2027
- B.S. Computer Science + Mathematics, minors: Entrepreneurship & Economics, GPA 4.0/4.0
- Coursework: Data Structures + Algorithms, Advanced Algorithms, Machine Learning, Information Theory, Systems, Compilers, Quantum Computing, Cryptography, Linear Algebra, Calculus, Statistics & Probability Theory, Combinatorics, Optimization
- Activities: Google Developer Group (President), Association for Computer Machinery, Teaching Assistant (CSE), WashU Student Associate, Residential Peer Mentor, Undergraduate Engineering Tutor, Club Swim, Sounds of St. Louis, Chinese Students' Association

The Wheeler School, Providence RI | National Merit Scholar, Army Armstrong Mathematics Award, AIME Qualifier, GPA 4.31/4.0

Experience

Software Engineering Intern, **Capital One,** Richmond VA   June 2025 - Aug. 2025
- Built a machine learning gift card recommendation engine (XGBoost) for redeeming rewards points based on past transactions
- Deployed a new Golang+Node service/API to deliver personalized recommendations to 100+ million users across Capital One platforms
- Migrated ledger databases in Loyalty (points balance transaction ledgers) from NoSQL to PostgreSQL for faster & wider indexing

Software Engineering Intern, **Eureka Surveys,** Miami FL   May 2024 - Aug. 2024
- Built a new mobile app (iOS Swift MVC and Android Kotlin), est. $36,000+ revenue and $8,000+ MRR by end of the summer
- Developed A/B tests and optimized onboarding flows, increasing conversion rate to over 70% and 14-day retention to over 50%
- Led company movement into incentivized offers and ad-based app markets, developing hyper-casual games (created 6-figures in ARR)

Software Engineering Intern, **Eureka Surveys,** Miami FL   May 2023 - Aug. 2023
- Used GPT-4, Node, Firebase, and cron jobs to build a fully automated search-engine-optimizing blog site in TypeScript React
- Built customer discovery system with AppTweak & GPT-4 on customer reviews & ratings, analyzed natural language from daily polls
- Improved search performance by 40% on keyword rankings KPI, and optimized avg. latency & loading times KPIs by over 50% on web

Software Engineering Intern, **Eureka Surveys,** Miami FL   June 2022 - Sep. 2022
- Increased user volume on web over 200% in 3 months with UI and security updates for over 50,000 DAU, decreased fraud by over 40%
- Modularized by implementing mono repositories in the codebase to host sites for a family-of-apps with shared packages/components

Co-Founder CTO, **Quintin AI,** San Francisco CA   April 2025 - Present
- Pre-seed agentic AI platform for accessible quality assurance + agentic market research simulations on web-based products/applications
- Building using LangChain/LangGraph, Python, Docker, Firebase, and Google Cloud VM, browser-enabled agents on Ollama/GPT/Claude
- LAUNCH Cohort 10, backed by Google for Startups and Holekamp Seed Fund, projected launch in Fall/Winter 2025

Co-Founder CTO, **StatSlam LLC,** Providence RI   Jan. 2024 - Present
- Delivering high-frequency sports betting insights with +EV analysis, arbitrage detection, line discrepancies, historical data, and more
- Cross-platform D2C (3,000+ users): Web TypeScript React, iOS Swift MVC, MongoDB, RevenueCat, Google Cloud + Vercel deployments
- Training models on an in-house proprietary data center (over 80GB): model predictions have outpaced the S&P 500 by 80% in 2024-2025

President, **Google Developer Group,** St. Louis MO   April. 2024 - Present
- Led a tech consulting group partnered with local orgs to build software solutions (developers recruited from WashU student body)
- Spearheaded Google DevFest WashU 2025: managed $4000+ in sponsorship, hosted keynote for 600+ attendees, 50+ hackathon teams

Head Teaching Assistant, **Washington University,** St. Louis MO   Jan. 2024 - Present
- CSE 3601 (Systems Software), 4107 (Machine Learning), 3407 (Advanced Algorithms), 3302 (OOP), 2407 (Data Structures & Algorithms)
- Led office hours and lab sections, graded and provided feedback on assignments/labs/exams, developed coursework and materials

Skills

Technical: TypeScript, Swift, Kotlin, Python, Java, C, C++, Golang, Node, HTML5/CSS3, R, React.js, Next.js, UNIX, Git, systems, compilers, Vercel, Firebase, MongoDB, Google Cloud, AWS, data structures, algorithms, prompt engineering, agentic AI systems, machine learning

Interests: Mandarin Chinese (native), music (piano concert performance), competitive swimming/tennis, mentorship, trading & arbitrage

Projects

Auction Trading Bot   Video (30K+)
- Built the first automatic low-latency trading bot for Hypixel SkyBlock with historical data and neural-network underpricing detection
- Increased trading balance by 600%, equivalent to $4B in-game currency in 7 days (top 0.01% globally)

Computer Music Model   Website   Github
- Deployed a computer music model generating one-line melodies with bass chords/inversions according to 18th century theory standards
- Utilized a variant of state-based random graph traversal in Python, later translated/deployed with Typescript React + Next.js on Vercel