

Jeffrey Tang

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EDUCATION

University of Illinois at Urbana-Champaign – BS Computer Science, Highest Honors *Aug 2019 – May 2022*

EXPERIENCE

Brain Co. ☞ , *AI Product Engineer, San Francisco, CA* *Aug 2025 – Present*

Lassie ☞ , *Founding Engineer, San Francisco, CA* *Apr 2022 – May 2025*

- 3rd hire; grew company from 7 customers/\$40k ARR to 300+ customers/\$4M ARR automating dental finances
- Built integrations and real-time ELT sync engine for 3 on-prem dental electronic health record (EHR) systems
- Single-handedly managed customer support for 200 customers; personally onboarded and trained 80 dental offices
- Designed agent (Socket.IO, port forwarder, installer) to connect EHRs on Windows to our Redis-based server
- Scraping (Selenium), data pipelines (HTTP queues), manual/automatic work queues for customer onboardings
- Plaid/MX banking integrations, healthcare payment parsing (via LLM) and reconciliation (via graph algorithms)
- Hired 2 software engineers :)

Ramp ☞ , *Software Engineer Intern, New York, NY* *Jan 2022 – Apr 2022*

- Built fault-tolerant system for syncing statement payments over to QuickBooks, Xero, NetSuite (Celery, React)
- Migrated bill payments accounting to a new external error sanitizer, reducing customer escalations (Flask, Redash)
- Created an interface for accountants to instantly mark hundreds of transactions as ready to sync, saving hours
- Led customer calls to test new features and determine areas for improvement in accounting workflow

IMC Trading, *Quantitative Trader Intern, Chicago, IL* *Jun 2021 – Aug 2021*

- Worked on using lead returns to improve stock valuations on the Equity Options desk
- Analyzed historical stock & options trades to investigate how novel lead signal can improve options trading
- Designed a backtester to evaluate PnL/slippage and optimize parameters for new valuation (Pandas, SQL)
- Implemented changes into live trading, resulting in \$10,000/mo of PnL improvement

Citadel Securities, *Software Engineer Intern, Chicago, IL* *Jun 2020 – Aug 2020*

- Built an automated profiling framework to test market data servers and measure latency/throughput
- Created a performance analyzer that efficiently processes 1TB+ log files and produces graphs in less than a second
- Investigated impact of multithreading on server's ability to handle large amounts of market data (C++, Pandas)

Citadel LLC, *Software Engineer Intern, Chicago, IL* *Jun 2019 – Aug 2019*

- Worked on React/Redux desktop web applications on the Equities Technology team
- Created an interface for compiling a customized book of broker models, research reports, and SEC filings
- Implemented the ability to link user-selected symbol/time range data between multiple apps (Finsemble, OpenFin)

The Tuesday Company, *Software Engineer Intern, New York, NY* *Jun 2018 – Aug 2018*

- Added 2FA to desktop user login and phone number verification to mobile user onboarding; redesigned system to allow client staffers to manage multiple campaigns; added iOS and Android mobile analytics (Flask, React Native)
- Acquired by Helm in April 2021

ACM-ICPC Mid-Central USA Regional 4th Place Team, Gold Medalist *Nov 2019*

USA Computing Olympiad Platinum Division *Jan 2018*

SELECTED PROJECTS (Source code available at github.com/qrtn)

Falling Fruit, beta.fallingfruit.org *Jan 2021 – Dec 2022*

- Global, collaborative map of over one million foraging locations for freely available fruits and veggies
- Built as a progressive web app using React and Redux, with a shared codebase for mobile and desktop UIs

GLEN Learn, glenworld.org/glenlearn *Sep 2020 – Dec 2020*

- Built an assessment platform to help low-income children in California pass kindergarten readiness exams ☞
- Redesigned exercises have been played hundreds of thousands of times by 25,000 learners across the globe ☞

TECHNICAL SKILLS

Proficient: TypeScript/JavaScript (Node.js, React), Python (Flask, Pandas), SQL (especially PostgreSQL), Redis, Google Cloud (serverless, VMs, CI/CD, networking, task queues, etc.), Linux, Windows, making pizza ☞

Familiar: LLMs, Docker, Kafka, C/C++, Java