

InfiniteQuant Summer Internship Program FAQ

Last updated: July 2026

We are a global quantitative trading and technology company. As a privately owned and funded proprietary trading firm, we focus on high-frequency quantitative trading across global financial markets. Everything from data to strategy, simulation, and trading systems is developed in-house. Our high-frequency trading strategies generate hundreds of millions of order messages daily across thousands of symbols on major electronic exchanges. We maintain a multi-year archive of historical tick-by-tick market data, powering quantitative research, simulation, and strategy development.

1. Program Overview

1. What makes our internship program unique?

Our internship is designed for candidates who want to build careers in high-frequency quantitative trading. Interns work in an alpha-driven environment where success is determined by the ability to discover, develop, and deploy quantitative trading strategies through research, engineering, and a deep understanding of market microstructure.

For exceptional candidates, the opportunity extends beyond a traditional return offer. Outstanding interns may receive a full-time offer, and those who consistently deliver meaningful production performance may have the opportunity to manage an independent trading book and ultimately lead a trading desk.

Candidates who have independently developed a production-ready digital asset high-frequency trading strategy may also be considered for our Quantitative Trader Internship. This pathway is intended for candidates with proven personal projects in areas such as latency arbitrage, cross-exchange arbitrage, or basis trading.

2. How can I apply for a Quantitative Trader Summer Internship?

Apply directly through the application page as Quantitative Researcher — we don't run a separate posting for this role, as few candidates meet the bar. The prerequisite is a fully automated production strategy of your own, doing at least a few thousand trades per day, built on publicly available data and traded on venues open to the public. In the "Message to the Hiring Team" field, write a paragraph about your strategy and include its live performance.

3. How long is the internship?

Typically 10 weeks. Our U.S. summer internship program begins in the last week of May; start dates in other locations may vary to align with local academic calendars.

4. Do you offer off-cycle or part-time internships?

No. Our program runs primarily during the summer, and internships are full-time and on-site throughout.

5. Do you offer part-time opportunities after internship?

No.

6. What kind of projects do interns work on?

Well-defined research or engineering projects inspired by real challenges faced by our trading and engineering teams. Interns work closely with experienced mentors and present their results weekly and have a team presentation at the end of the program.

7. Will I have a mentor, and what is their background?

Every intern is supported by a team of mentors. Our mentors typically have three to fifteen years of experience from either leading global HFT firms, or joined us as full-time employees after completing our own internship program.

2. Eligibility & Applying

8. Who is eligible to apply?

Students in their final year before graduation, recent graduates, and candidates with a few years of work experience. Because the internship serves as a pipeline for full-time hiring, we primarily look for candidates who intend to begin their full-time careers soon after the internship.

We welcome undergraduate, master's, and Ph.D. students as well as candidates with industry experience. Offers are based on technical ability, problem-solving skills, and interview performance rather than degree level or years of experience.

9. Do I need prior finance, trading, or quant experience?

No related internship or professional experience is required. We do look for demonstrated success relevant to quantitative trading, such as:

- Quantitative trading competitions and hackathons
- Personal projects, including personal algorithmic trading
- Academic research
- Open-source contributions
- Relevant professional work

Prior HFT or hedge fund experience is not required, though many candidates who received offers had previously interned at leading HFT firms, hedge funds, or other quantitative trading companies.

10. What makes a candidate stand out during resume screening?

Many applicants have strong academic credentials, high GPAs, relevant coursework, and prior research or industry experience. What distinguishes the strongest candidates is exceptional programming ability, strong quantitative thinking and technical depth, and a proven track record of solving challenging quantitative or engineering problems beyond the classroom. Examples include:

- A fully automated trading, market-making, or arbitrage system built and operated on publicly accessible data and infrastructure — for order-book markets (e.g., Binance), AMMs (e.g., Uniswap), prediction markets (e.g., Polymarket), or other financial or non-financial marketplaces (e.g., the Steam Community Market).
- High-level competitive achievements in chess, poker, or strategy games (e.g., StarCraft II, Dota 2), demonstrating rapid decision-making and the ability to capitalize on small mistakes.
- A technically ambitious systems project, such as a matching engine, exchange simulator, or low-latency trading system.
- Outstanding results in competitive programming, mathematics, quantitative trading, machine learning, or other technical competitions.

There is no single profile that guarantees success. We value candidates who consistently pursue challenging problems and demonstrate their abilities through tangible accomplishments rather than credentials alone.

11. How competitive is the program?

Highly selective. We typically receive more than 3,000 applications each year for our Summer Internship Program and we only hire a few interns yearly. For our 2027 Summer Internship program, we plan to hire up to 3 interns. Offers are extended on a rolling basis until all positions are filled, so we encourage candidates to complete the interview process early.

12. What academic backgrounds have past interns come from?

Offers have gone to candidates from a wide range of backgrounds, including:

- Leading quantitative master's programs: Carnegie Mellon (MSCF), Columbia (MSFE), Baruch (MFE), NYU Courant (Mathematics in Finance), NYU Tandon (MFE), Georgia Tech (MSQCF), University of Chicago (MSFM) (This is not a comprehensive list)
- Undergraduates from top universities (e.g., Princeton)
- STEM Ph.D. candidates, postdoctoral researchers, and university faculty from leading research institutions.
- Candidates with several years of industry experience

3. Interview Process & Preparation

13. What is the interview process?

The interview process typically consists of 3-5 interview rounds and may include a technical coding assessment.

14. What programming languages are expected?

- Quant Research — interviews may be conducted in Python or C++. Python proficiency and basic C++ knowledge are expected.
- Quant Developer — interviews are primarily conducted in modern C++.

15. How should I prepare?

Review the topic list in Appendix A and make sure you understand the fundamental concepts commonly encountered in high-frequency trading. If your résumé includes an interesting project or experience, expect interviewers to spend significant time discussing it in depth.

16. How can I stand out in the interview process?

- You should know your Resume inside and out and be prepared to clearly articulate the decision-making process behind every project you list.
- Impress the interviewer with the strengths and perspective you bring compared to other candidates. Distinct yourself from others.
- Demonstrate a genuine interest in tackling complex, open-ended problems, and prove that you can walk us through your logic step-by-step.
- Display a solid understanding of high-frequency trading (HFT) and market microstructure.
- Expect to justify your methodology. Be ready to explain why you chose one model over an alternative, why a specific method succeeded or failed, and how you would improve your work if given more time.

17. Will I receive feedback if I'm not selected?

Due to the volume of applications, we are generally unable to provide individualized interview feedback.

4. Visas, Work Authorization & Relocation

18. Can international students apply?

Yes. For internships in the United States, candidates are generally expected to have appropriate U.S. work authorization, such as CPT or OPT where applicable. Candidates without U.S. work authorization may still be considered for internship opportunities in our other offices, subject to business needs and local immigration requirements.

19. Do you sponsor visas?

Yes, for eligible candidates:

- Internships, for U.S. internships, most interns work on F-1 CPT or OPT. For other offices, we sponsor as required locally.
- Full-time, United States - we sponsor H-1B visas and employment-based permanent residency (EB-2 and EB-3 green cards). If your work authorization is running out and you haven't been selected in the H-1B lottery, we can look at relocating you to one of our other offices so you can continue working with us, subject to local immigration rules.
- Full-time, Dubai (UAE) - we sponsor UAE employment visas for eligible full-time employees.

5. After the Internship

20. Can the internship lead to a full-time return offer?

Yes. Approximately half of our current full-time employees in research and trading originally joined through our summer internship program. Our summer interns are evaluated for return offers across all of our offices. An offer may come from a location other than the one where you interned, and in some cases from more than one.

21. When would I start if I receive a return offer?

We'd typically look for you to start full-time within about three months of becoming available. If you've already graduated, you're welcome to join right after the internship; if you're still in school, within three months of graduating.

Appendix A — Interview Topics by Role

Quant Researcher

- Market microstructure
- Probability and statistics
- Linear regression
- Machine learning
- Data structures and algorithms
- Python and basic C++ programming

Quant Developer

- Market microstructure
- Exchange and matching engine design
- Modern C++ (C++17/20)
- Data structures and algorithms
- FastAPI, WebSocket (WSS), TCP and exchange APIs
- Software design
- Concurrency and multithreading
- Simulation and backtesting

- Performance optimization
- Debugging and testing

Appendix B — Recommended Resources

Market microstructure and electronic trading

- Securities Trading: Principles and Procedures, Joel Hasbrouck — <https://pages.stern.nyu.edu/~jhasbrou/STPP/STPPindex.html>
- Trading and Exchanges: Market Microstructure for Practitioners (2003), Larry Harris
- High-Frequency Trading, 2nd ed. (2013), Irene Aldridge
- Staff Report on Algorithmic Trading in U.S. Capital Markets, SEC — https://www.sec.gov/files/algo_trading_report_2020.pdf
- Public filings and financial statements of electronic trading firms (e.g., Virtu Financial, Flow Traders)

Quantitative interview practice (optional)

- A Practical Guide to Quantitative Finance Interviews, Xinfeng Zhou
- Quant Job Interview Questions & Answers, Mark Joshi et al.

Note: our interview questions are generally less difficult than those in these books. They are intended as supplementary practice rather than an indication of expected interview difficulty.