



King Lang

Quantitative Technologist

JUNE 10, 2026

Hiring Manager
Vanguard Research Partners
Chicago, IL

Dear Hiring Manager,

I am excited to apply for the Quantitative Technologist internship at Vanguard Research Partners, as this opportunity perfectly aligns with my analytical mindset, rich background in algorithmic trading, and genuine commitment to contributing towards innovative research in a fast-paced financial setting.

During my time at Tech Innovations Group, I developed trading algorithms using C++, improving efficiency by 15%. Collaboration became my second nature, as I worked alongside diverse teams to analyze market data and optimize strategies, creating a vibrant atmosphere of shared success.

While pursuing my Bachelor's degree in Computer Science, I grappled with complex programming challenges that taught me resilience. Fostering teamwork was paramount, and I thrived in brainstorming sessions, leading to invaluable insights on trading processes. These experiences shaped my aptitude for creative problem-solving.

Mentorship opportunities are crucial for continuous growth. My internships helped me refine skills in data analysis and financial modeling. I look forward to contributing my unique insights to Vanguard while absorbing wisdom from seasoned professionals, ultimately enhancing the team's collective output.

Sincerely,

King Lang,

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Contact

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