



CHARLES SONG

Quantitative Research Intern

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Charles Song is presently pursuing a Master of Science in Financial Mathematics (MSFM) at the University of Chicago. He completed his undergraduate studies in 2022 at Pennsylvania State University, where he earned dual degrees in Computer Science and Mathematics.

Throughout his undergraduate tenure, Charles developed a deep interest in leveraging mathematical and statistical methods, as well as programming capabilities, to address real-world challenges. This fascination led him to work on diverse projects encompassing software design and machine learning. His enrolment at the University of Chicago's MSFM program is an endeavour to deepen his expertise in portfolio and risk management, option pricing, and industry-standard financial programming practices. With a unique blend of technological and quantitative finance skills, Charles aspires to apply his multifaceted proficiency in programming, mathematics, and machine learning to the realm of quantitative research and trading.

Charles's aptitude for utilizing technical skills to solve intricate financial issues nudged him toward a career in quantitative finance. During a mentorship in 2021 with a seasoned quantitative researcher, he acquired an in-depth understanding of portfolio management, risk mitigation, and asset allocation strategies. The subsequent year marked a significant stride in his professional journey when he undertook an internship with JoinQuant Investment.





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Here, Charles excelled in alpha research within the A-share market and made notable contributions to the company's factor pool. Moreover, he devised his risk strategies on diverse asset allocations, which resulted in enhanced hedging performance compared to pre-existing strategies.

In his downtime, Charles immerses himself in bartending, a testament to his appreciation for mixology. This hobby serves as an invaluable conduit for fostering connections with professionals in the financial realm.

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Apart from this, Charles maintains an active lifestyle and harbours a passion for travelling.
