BODHI
RESEARCH GROUP

STAR ZHANG

M.Math
Quantitative Research Intern

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Star Zhang is enrolled in the Master of Science in Financial Mathematics program at the University of Chicago. She graduated from Ohio State University with a Bachelor's Degree in Accounting and Finance with interests in financial markets, psychology, and neuroscience.

Striving for industry experience, Star has had multiple internships within the fields of both finance and tech. Star was directly involved in data analysis and financial modeling during several undergraduate research projects. Through these research experiences, she developed proficiency in Python and strong analytical problem-solving skills that she aims to utilize at Bodhi Research Group. Her research about Covid-19's iImpact on the Stock Market consisted of reviewing academic literature, procuring, and cleaning historical data on Covid-related factor data and twelve countries' stock indexes. In developing the baseline model, Star proposed, designed, backtested, and refined trading strategies, whose effectiveness of predictions are reflected in 61.5% accuracy and 0.5% over cumulative market return.

In addition to her quantitative skills, she has also been keen on financial markets. She was actively involved with her undergraduate Student Investment Club as vice president. In which, she developed the habit of reading the daily news, summarizing and analyzing weekly market events, and leading group discussions for collaborative insights. This endeavor lead her to the program at the University of Chicago, where she has been taking courses in Option Pricing and Portfolio Theory & Risk Management.

As well as participated in the CME Group Challenge to familiarize herself with derivatives through daily inspection. She believes her interests and knowledge in the financial market will strengthen her understanding of the purposes and rationales behind the quantitative models and enable her to stay agile and innovative when it comes to market volatility.

During her ByteDance internship, she was assigned to work on a new team project with peers and conduct several research assignments on her own. She managed the time and expectations well through organized scheduling and active updates and communications with both her peers and manager. Through her internship experiences, she enhanced her teamwork skills and understood the importance of collaboration and discussions.