

Dear Hiring Manager,

I am writing to express my interest in the Summer 2024 Quantitative Research Internship at Bracebridge Capital, as advertised on your website. With a Master's in Quantitative Finance from Rutgers Business School and hands-on experience in quantitative trading and data analysis, I am eager to contribute to and learn from your esteemed team.

During my internship with City Investment Solutions, I engaged in developing and executing trading strategies with a significant focus on risk control, achieving a 15.38% return on investment. My ability to analyze historical time series data and execute trading strategies would directly benefit the sophisticated models at Bracebridge Capital. I am proficient in several programming languages including C++, which is listed among the skills required for the internship.

My academic background, complemented by practical experience, has equipped me with a solid foundation in financial mathematics, econometrics, and fixed income analysis, all of which are critical for a role in quantitative research. My project work, like the Stock Factor Investment Strategy using Machine Learning, showcases my capability to handle complex data sets and derive actionable insights, aligning with the objectives of your team to develop analytical tools for fixed income securities.

The collaborative culture at Bracebridge Capital excites me. I am keen on joining a group that values intellectual curiosity and rewards dedication, qualities that I bring to the table. I am enthusiastic about the opportunity to work on a challenging project, under the guidance of a senior member of your Quantitative Research Group, which would allow me to further sharpen my skills in software design and financial modeling.

Thank you for considering my application. I am looking forward to the possibility of discussing how my background, skills, and enthusiasms will be in perfect accord with the innovative environment at Bracebridge Capital.

Warm regards,

Junjie Li