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Waterfront International
95 Wellington Street West
Suite 1900
Toronto, ON M5J 2N7

To Whom It May Concern,

I would like to formally apply for the data mining analyst position. With my strengths in both abstract and analytical problem solving skills, technical knowledge of mathematics and statistics, and an outgoing personality with strong initiative, I feel I am well-suited for the position.

I am currently completing my Master's in applied mathematics at the University of Western Ontario. While my area of research is mathematical biology, I do have experience in more statistical topics such as Monte Carlo methods, stochastic processes and linear statistical models. Further, I also am familiar with learning theory and game theory, particularly evolutionary game theory, of which there is significant overlap. In addition to these areas, I also have experience developing individual-based and Monte Carlo simulations of mathematical models, as well as working with scientific software such as Matlab and R. I have employed these skills to derive, evaluate and improve mathematical models in mathematical biology. However, I am confident I could apply such methods to other areas, such as finance and forecasting, and would undertake such opportunities to do so if presented.

Lastly, in addition to my technical qualifications, I also have an outgoing personality conducive to inter-personal communication. I am a self-starter who can both take initiative as well as follow the leadership of others. I also have a strong sense of responsibility and dedication to the current project I am working on. I believe these characteristics make me a prime candidate for the position. I have also included my resume for your consideration, and would be very appreciative to receive further consideration. Thank you for this opportunity.

Sincerely,

Joshua Grant