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To whom it may concern,

I am writing this letter to apply for the role of associate as posted on the Analysis Group website. In a few months, I expect to complete my Doctoral degree in economics with a particular interest in decision theory, probability, and industrial organization.

The teaching experience I have accumulated situates me as an ideal intermediary for bouncing back and forth between the technical and the intuitive. During my studies I have taught economists and mathematicians the courses “money and finance”, “economics of uncertainty”, “political economy” and “general equilibrium”.

My research speciality is around decision theory of the firm. Specifically, how do firms choose between projects with different time characteristics, this is explored in two of my papers, including the one found in the attachment accompanying my application.

Technical skills I have acquired throughout the years revolve around modelling. The software I most proficient with due to daily use is Mathematica, where I specialize in finding analytic solution to problems as well as visualizations. Throughout my years of study I have also worked extensively with Python, aiming to have numerical results for specific models. Finally, my thesis has been written from start to finish in Latex using Github which I feel gives me an edge on knowing how to collaborate with numerous people on technical projects.

As an extensively curious individual, I have always filled my idle time either with professional experience, or with technical formation. My professional experience is varied, from accounting, to credit risk, to policy analysis for the EU. My technical formation includes training at the London Mathematical Laboratory, the Real World Risk institute, and the New England Complex Systems institute.

For any further questions, you are welcome to contact me.

Thank you for your time and consideration.

Sincerely,
Diomides Mavroyiannis