

DIOMIDES MAVROYIANNIS

**Industrial
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To whom it may concern,

I am a PHD Economist from Paris Dauphine applying for the posting "Junior Consultant" for Roland Berger as posted on their website.

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

My research specialty is around decision theory of the firm. Specifically, how do firms choose between projects with different time characteristics. This kind of analysis includes both modelling stochastic processes and extensive use of Markov chains, skills that I have progressively developed from my undergraduate and master's in finance.

Technical skills I have acquired throughout the years revolve around modeling. The software I most proficient with due to daily use is Mathematica, where I specialize in finding analytic solutions 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 and Latex with Github where I learned to collaborate on team projects.

As an extensively curious individual, I have acquired additional professional experience and 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(Ergodicity economics); The Real World Risk Institute(modeling options and stochastic processes); and the New England Complex Systems Institute(Random Graphs and evolutionary modeling using Python)

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

Thank you for your time and consideration.

Sincerely,
Diomides Mavroyiannis