

Making the Transition from Academia to Industry

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Abstract

For an undergraduate mathematics major considering a non-academic career, there is likely to be uncertainty about what to expect and how to prepare. Using the speaker's six years of experience as a quantitative analyst since completing a Ph.D. in Mathematics, we hope to provide insight on what lies ahead and to consider the following questions. Are graduate studies worth pursuing? What non-mathematical and non-technical skills are most useful? How difficult is the transition from academia to industry? Do there exist opportunities for pure mathematics majors outside academia? Is training in mathematical research useful?