

MAHDI MIR

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📍 Tehran, Iran

To Kellogg Finance Department,

My name's Mahdi; I have a strong background in statistics and data analysis, and have been using Stata for several years to conduct research and complete data projects. I am well-versed in a variety of Stata commands and techniques, and have experience working with large datasets. In addition, I have experience creating Stata scripts and macros, which allows me to automate repetitive tasks and make my work more efficient.

More about my programming skills, I Also, have an excellent experience with Python, working with databases, deep learning models, image processing, statistical analyses, and almost all sorts of things in Python.

Recently, I graduated with a Master's in Theoretical Economics from TeIAS (Tehran Institute for Advanced Studies, the leading economic/financial research institute in Iran). I've been researching Economics & also doing RA jobs at TeIAS for the last three years. I have been the RA of Mahdi Heidari for almost 30 months, also I've done RA jobs with Hamed Davari from the university of Mannheim, Germany, for 4 months, moreover, I have an ongoing RA job with Javad Shamsi from LSE, UK.

Before my Maser's in Economics, I graduated from the Electrical Engineering Department of Sharif university of technology, which is a renowned department worldwide. I enhanced my mathematical & quantitative skills during these years.

I have done so many projects in **Stata**, **Python**, **Julia** and **R**. As an example of my works, I extracted share-holding data from Iranian mutual funds' reports' images, which is brave new nationwide. I used image processing methods, the TableNet deep learning model with some adjustments, and the Google Tesseract engine for this job. I currently have a job offer in hand from the Agah brokerage's quantitative branch to extend this work to other sorts of financial/economic data. In Iran, most of the accurate data are jailed in reports and printed tables that are never digitized systematically. Also, Agah is the second-largest brokerage in the country; and they have acknowledged my work and offered me without my application for the job. But I prefer to continue my academic path.

I believe that my previous quantitative & mathematical skills, as well as my excellence in programming with Stata & Python, makes me the right candidate for the predoctoral position at Kellogg.

I love learning, researching & coding, especially in the area of economics. I hope to work on research projects to strengthen my skills & deepen my knowledge so I can develop my research agenda and apply for a Ph.D. in economics at a leading institution/university.

Please review my CV for additional details regarding my expertise and achievements. Do not hesitate to reach out if you have any questions or need further clarification on my experience. I would love to meet with you and discuss the position in detail.

Best,
Mahdi