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Notice of Open Position: Predoctoral Technical Associate, MIT Sloan School of Management

Please apply via Interfolio: http://apply.interfolio.com/64397

The MIT Sloan Finance Group is looking for a highly skilled and motivated individual to work for Prof. Leonid Kogan, Prof. Lawrence Schmidt, and Taha Choukhmane as a full or part-time research assistant for a period of at least one year, ideally two. The appointment will start ideally in July 2020, although this date is flexible. The job will entail close collaboration at all stages of the research process on new and ongoing empirical projects which utilize large, rich microeconomic datasets to address questions in the fields of asset pricing, household and consumer finance, behavioral economics, macroeconomics, and micro-econometrics.

This position offers the opportunity to gain exposure to and training in a broad set of economic research topics and statistical methodologies before pursuing a PhD in economics or finance. The chosen candidate will also gain valuable experience analyzing large and unique datasets (including restricted-use government administrative records on individual incomes and firm operating activity, textual analysis of patents, and proprietary company data), and working with programs such as Stata, R, Python, and GIS.

The chosen candidate will also make connections with faculty at several other institutions involved in the research projects, and will have the opportunity to take courses and attend seminars at MIT.

The ideal candidate should have (i) completed a 4-year undergraduate degree and/or Master's degree in Economics or related fields (for instance, the position may be of interest to those with a background in Statistics, Computer Science, or Engineering) from a top ranked college or university; (ii) have a very strong quantitative background; (iii) have exceptional programming skills and experience, especially in Stata, R, or Python (experience with a low level language such as C or Fortran is also a plus but not a requirement for the position); (iv) be able to work independently to solve problems.

The position is ideal for students who are planning to pursue a PhD or advanced Master's program in Economics, Finance or a related field. Visa sponsoring will not be available for this position. Candidates should have authorization to work in the US for the duration of the appointment. Please also indicate in your cover letter whether or not, as of June 30, 2019, you will have been a resident in the US for at least 3 years (this is a requirement for working with Census restricted-use data).

Application Requirements:

- A one-page cover letter briefly describing your academic career and future study goals.
- A CV
- Academic transcript(s)
- One writing sample. This could be any research paper or term paper that you think best reflects your abilities
- A sample of code(s) which you have written, along with a summary of the outputs it generates (logs/graphs) in a single document
- Contact information for 1-2 references, ideally from those who can speak to your capacity to conduct research

We will be accepting and reviewing applications on a rolling basis until the position is filled.