HBS Strategy Unit
Research Associate (pre-doctoral)

HBS seeks three full-time pre-doctoral Research Associates for the academic year 2020-21 to work with our research group in the HBS Strategy unit. Research covers a broad range of firm-oriented topics, including competition, management, innovation, and contracts, and often draws heavily on applied econometrics and microeconomic theory.

The positions will be under the direction of faculty in the Strategy unit, including Professors Dan Gross, Rem Koning, Hong Luo, Raffaella Sadun, and Andy Wu. This is a terrific opportunity for a candidate who is seeking academic research experience in preparation for pursuing a PhD in 1-2 years. These positions offer candidates the opportunity to develop a variety of skills for graduate school, such as to the ability to develop, design and conduct research projects and synthesize, analyze, and produce statistical models. In addition to closely working with faculty members, the pre-doctoral Research Associates will work together in a common environment with weekly meetings and other informal events. Ideal candidates will be comfortable in an environment that requires a high level of independence, intellectual curiosity, and the ability to use discretionary judgment. Candidates would ideally begin on July 1, 2020 and work for us for 1-2 years before applying to graduate school. Salary will be competitive.

Primary Duties:

• Collect, synthesize, and provide analysis of data exhibits for academic journal articles. Provide statistical analysis and design for reports and presentations. Independently manage all timelines and deliverables.

• Develop and maintain expertise in new research methodologies and techniques. Manage and manipulate data using requested packages; STATA, Python, MATLAB, or R.

• Balance project requests from multiple faculty members, using strong communication and prioritization skills.

• Exercise independent decision making with regard to progression of research project and methodologies. When confronted with research data, be able to make deductions, add insight and draw conclusions to share with faculty.

• Collaborate in development of new techniques and instruments. Use knowledge of quantitative methods to analyze and interpret experimental results. Work independently with research methodologies to identify gaps in research data and methods. Produce innovative academic materials to supplement faculty research and teaching. Make recommendations to faculty based on statistical interpretation and independent research. Analyze, interpret, and evaluate the quality of results.

Basic Qualifications:

Bachelor’s degree in economics, mathematics, quantitative sciences, or business related field required.
Statistical/programming experience and/or applied experience with Python, C++, STATA, MATLAB, or R.

**Additional Qualifications:**

Methodological interests in econometrics, statistics, machine learning, industrial organization, productivity, and economic theory are preferred. Preference for candidate who plans to seek an advanced degree.

Evidence of outstanding academic achievement. Strong mathematics background. Indication of training and good habits in data management and analysis, as well as interpretation of relevant data and research is necessary. Strong skills related to the Microsoft Office Suite are expected. Evidence of prior high-quality data manipulation and analysis required.

Proven ability to work independently and creatively. This position requires an individual capable of consistent use of discretion, judgment and initiative. Background in analysis Diplomatic skills, comfort in interacting with prominent individuals, and grace under pressure are essential.

The candidate must have extremely high standards in terms of quality of work, attention to detail, strong organization skills, and absolute commitment to task completion. He or she must be able to balance multiple tasks and shifting priorities under tight deadlines at an accelerated pace when necessary.

**Please Note:**

Applicants should not contact faculty directly.

HBS is not able to provide visa sponsorship for this position.

This is a full-time term appointment starting July 1, 2020 (or sooner) through June 30, 2021, with potential for reappointment. All Research Associate roles at HBS are structured as one-year term appointments. Preference for candidates willing to commit for two or more years.

Applications will be considered on a rolling basis, a cover letter and resume are required for full consideration. Upon the review of application materials, applicants may be asked to submit a code and writing sample, and transcript(s). Short-listed applicants will be invited to complete a programming/data exercise.

**To Apply:**

Interested candidates should send a resume and cover letter to Andressa Martins at amartins@hbs.edu. Please include “Strategy Cohort” in the subject field.

Not the right fit? Be sure to visit our website to review additional openings: [http://www.hbs.edu/research/ra](http://www.hbs.edu/research/ra).