

Staff Associate - Economics

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Posting Details

Job Requisition Number	00001196
Field(s) of Specialization	Microeconomics
Position Title	Staff Associate - Economics
Department	BUS Business
Division	Business School
Location	Morningside
Summary Description	<p>Columbia Business School is seeking to hire one or more Staff Associates of research for the Economics Division. The work will include quantitative and qualitative research and analysis involving the collection, coordination, and management of information and data. This position provides an opportunity to gain experience in academic economics research and would be ideal preparation for a Ph.D. program in economics or other related fields. This is a two-year position with a possible extension to a third-year.</p> <p>The Research Staff Associate duties involve work in one or more of the following areas of research: economics, and statistics. Specific duties include:</p> <ul style="list-style-type: none"><li>• Collect, clean, and maintain datasets and databases. Extract and link data from multiple databases for analysis. Prepare detailed documentation.</li><li>• Develop models and implement program code (STATA, Python, SQL, R, SAS, Matlab, etc.).</li><li>• Perform statistical analysis, including regression analysis and machine learning techniques.</li><li>• Assist with data analysis and dissemination of findings through the preparation of reports, journal articles, presentations, websites, and other research outlets.</li><li>• Perform case-based research, including work with detailed primary documents.</li></ul> <p>Applicants for Staff Associate position are expected to have the following:</p> <ul style="list-style-type: none"><li>• Programming experience in STATA is required. Strong preference for those who also know Python.</li><li>• Additional programming experience in one or more of the following languages: R, SQL, SAS, Matlab, and/or C++ is preferred.</li><li>• Familiarity with statistical tools such as linear regression is required.</li><li>• Familiarity with text parsing and analysis (natural language processing) and/or machine learning techniques is preferred.</li><li>• Demonstrated exceptional written and oral communications skills needed – writing sample is required.</li><li>• Candidate must be organized and able to work on multiple projects simultaneously.</li><li>• At least 6 months of research experience in a research role as a research assistant during the academic year or a summer internship in a research lab or governmental institution such as the NY Fed.</li><li>• Bachelor's degree in Economics or in a quantitative discipline such as Engineering, Computer Science, Mathematics, Statistics, with Economics coursework (including the econometrics sequence).</li></ul> <p>Columbia University is an Equal Opportunity/Affirmative Action employer. Women and minorities are especially encouraged to apply.</p>
Minimum Degree Required	Bachelor’s degree in Economics or in a quantitative discipline such as Engineering, Computer Science, Mathematics, Statistics, with Economics coursework (including the econometrics sequence).
Minimum Qualifications	At least 6 months of research experience in a research role as a research assistant during the academic year or a summer internship in a research lab or governmental institution such as the NY Fed.
Preferred Qualifications	
Additional Information	
RAPS posting date	10/23/2019
Search Closing Date	
Special Instructions to the Applicant	<p>Please upload your transcript to “Other Document 1” when uploading your application documents.</p> <p>The application must include your CV, transcripts, writing sample, and three reference letters.</p>
Proposed Start Date	07/01/2020
EEO Statement	Columbia University is an Equal Opportunity Employer / Disability / Veteran
Review Begins	
Quick Link	<a href="http://pa334.peopleadmin.com/postings/4469">http://pa334.peopleadmin.com/postings/4469</a>

Supplemental Questions

Required fields are indicated with an asterisk (\*).

1. What is your undergraduate GPA (4.0 scale preferred; otherwise state the scale)?  
(Open Ended Question)

2. On a scale of 0 to 5, please describe your level of experience with Stata. 0= never used it, 1 = used it once, 2 = used it a few times, 3 = comfortable, 4 = very comfortable, 5 = expert

• 0

• 1

• 2

• 3

• 4

• 5

3. On a scale of 0 to 5, please describe your level of experience with Python. 0= never used it, 1 = used it once, 2 = used it a few times, 3 = comfortable, 4 = very comfortable, 5 = expert

• 0

• 1

• 2

• 3

• 4

• 5

4. On a scale of 0 to 5, please describe your level of experience with Perl. 0= never used it, 1 = used it once, 2 = used it a few times, 3 = comfortable, 4 = very comfortable, 5 = expert

• 0

• 1

• 2

• 3

• 4

• 5

5. On a scale of 0 to 5, please describe your level of experience with SQL. 0= never used it, 1 = used it once, 2 = used it a few times, 3 = comfortable, 4 = very comfortable, 5 = expert

• 0

• 1

• 2

• 3

• 4

• 5

6. On a scale of 0 to 5, please describe your level of experience with SAS. 0= never used it, 1 = used it once, 2 = used it a few times, 3 = comfortable, 4 = very comfortable, 5 = expert

• 0

• 1

• 2

• 3

• 4

• 5

7. On a scale of 0 to 5, please describe your level of experience with R. 0= never used it, 1 = used it once, 2 = used it a few times, 3 = comfortable, 4 = very comfortable, 5 = expert

• 0

• 1

• 2

• 3

• 4

• 5

8. On a scale of 0 to 5, please describe your level of experience with Matlab. 0= never used it, 1 = used it once, 2 = used it a few times, 3 = comfortable, 4 = very comfortable, 5 = expert

• 0

• 1

• 2

• 3

• 4

• 5

9. Are you interested in applying in a PhD program after working as an RA?

• yes

• no

10. If you are interested in a PhD program, what would your concentration be?  
(Open Ended Question)

11. Have you taken any PhD level courses?

• yes

• no

12. If yes, please list below the PhD level courses you have taken.  
(Open Ended Question)
- Documents Needed to Apply
- Required Documents
1. Curriculum Vitae

2. Writing Sample/Publication 1

3. Other Document 1
- Optional Documents
1. Writing Sample/Publication 2

2. Cover Letter

3. Other Document 2
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