Fall 2020 undergraduate research fellowship opportunity with PhD Candidate

This fellowship provides a unique opportunity for undergraduates interested in future graduate studies in economics to get involved with academic-quality research. The selected candidate would work directly with me, Lauri Kytömaa on a few related research projects. I am currently a 4th year PhD Candidate in the Economics department at the University of Texas at Austin. My current work focuses on research topics in industrial organization, urban economics and applied econometrics. Prior to starting my PhD program, I worked as an economic consultant at Deloitte UK's Economics practice.

As a part of this opportunity, I will be providing the selected candidate with guidance on writing, statistical methods, and data analysis skills that are useful in both academic and non-academic contexts.

Candidate qualifications
- A junior or senior year student working towards a Bachelor's degree in data science, statistics, economics, or related quantitative field
- Knowledge of Python, R or MATLAB; Python users should have some experience with Numpy, Pandas, and Matplotlib libraries
- Strong written and oral communication skills
- Ideal candidates would have also:
    - Completed at least a semester of an applied econometrics course involving regression analysis (or equivalent)
    - Previously conducted web scraping to collect data

Job responsibilities
- Working with large datasets to create summary statistics tables and data visualizations
- Reviewing academic literature in the fields, such as Urban economies, Industrial Organization and Econometrics and then composing literature review summaries
- Editing and debugging Python code
- Assisting in statistical analysis under supervision of graduate student researcher
- Weekly work commitment approximately 4-5 hours, though this may vary

The selected candidate would receive a $1,000 honorarium for their involvement.

Application materials
- Your unofficial university transcript
- Resume/CV
- (Short) Cover letter describing your interest in this opportunity and your past experience with a software program such as Python, R or Matlab

If you are interested in applying, please submit the materials above to: lauri.kytomaa@utexas.edu by September 14, 2020.