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| **Student Name:** Ethan Rahman | **Z-ID:** 1908116 |
| **Project Title:** Visualizing Market-Based Indicators of Monetary Policy | |
| **Student Email:** [z1908116@students.niu.edu](mailto:z1908116@students.niu.edu) | **Student Phone:**  1-815-321-9613 |
| **Faculty Name:** David Koop | **Department:** Computer Science |
| **Faculty Email:** dakoop@niu.edu | **Faculty Phone:** 1-815-753-0378 |

**GENERAL INFORMATION**

**Please indicate the academic year and semester for which you are applied:** 2020

**Which program will you be participating in:**

* Research Rookies

**We anticipate the Undergraduate Research Assistant (URA) will be involved with the project about** 5 **hours per week, starting** 11/19/20 **and ending** 04/30/21.

**PROJECT RELATED INFORMATION**

Learn valuable research skills, and increase our understanding of market based indicators of monetary policy.

**From the URA’s perspective, what goals would they like to accomplish throughout the duration of the project?**

**How will you meet to discuss progress of the project?**

Zoom call once a week.

**What skills might be developed through this project?**

Data analysis, data visualization, and how to write more formal research papers.

**What resources (journals and other literature; materials, equipment, and supplies; training or professional meetings, etc.) will be used to support this undergraduate project?**

Academic journals with articles that deal with monetary policy and finance. We will try to find high frequency data on market prices of various financial assets. If this data is not freely available, then daily data might be a fine substitute.

**Do you have any additional comments about this project?**

**Electronic Signatures**

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| **Student Electronic Signature (First & Last Name):** Ethan Rahman |
| **Date:** 11/19/20 |

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| **Faculty Electronic Signature (First & Last Name):** David Koop |
| **Date:** 2020-11-19 |

**Undergraduate Research Assistant**

**Commitment Contract**

I, \_Ethan Rahman \_­­­­­­­­­­­­­­, commit to fully participate in the selected undergraduate research program throughout the allotted timeframe that has been agreed upon with my Faculty Mentor and I acknowledge and/or agree to the following terms and conditions:

* I will complete the following program requirements:
  + Attend the online orientation (date to be emailed to you)
  + Submit progress reports twice a month to [ugresearch@niu.edu](mailto:ugresearch@niu.edu) and CC my Faculty Mentor on the report
  + Submit a final narrative report upon completion of the project
  + Present my research at NIU’s Undergraduate Research and Artistry Day in April
* I will remain in good standing with the university (academically, judicially and otherwise) and maintain a cumulative GPA of 2.75 (3.0 preferably), and understand that failure to do so could result in possible dismissal from the program.
* I will work on my project, under the direction and guidance of my faculty mentor. I acknowledge that full participation includes hours completed at the library, laboratory, or other locations determined by my faculty mentor.
* I will complete all prior approvals (IRB, IUACC, etc.) before conducting research, including lab safety training.
* I will maintain regular, ongoing communication with my faculty mentor and OSEEL Administration regarding any personal difficulties that arise during my experience with the program.
* I understand the requirements and expectations for the program and accept the terms of agreement.

\_Ethan Rahman\_\_\_\_\_\_\_\_\_\_\_\_ \_11/19/20\_\_\_\_\_\_\_

URA Signature Date