Mariya Sergei Siliankina

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Professional Profile

Graduate student seeking opportunities related to data analysis to contribute strong writing, critical thinking, and analytical skills and research, as well as apply knowledge and understanding of R and data visualization.

Education

The University of Texas at Dallas, Richardson, TX	Expected Graduation: May 2020
Master of Science in Social Data Analytics and Research	Fast Track Program
Bachelor of Science in International Political Economy	*Summa Cum Laude /* GPA: 3.95

Relevant Coursework

Regression and Multivariate Analysis	**Methods of Data Collection and Production**	**Research Design**
Data Visualization	**Knowledge Mining**	**Cost Benefit Analysis**

Academic Projects

The University of Texas at Dallas, Richardson, TX

Twitter and the Moscow City Duma Election: Data Mining and Cluster Analysis **December 2019**
- Collect Twitter data and using unsupervised machine learning determine the similarity among active Twitter users participating in the discussion about the Moscow City Duma election.
- Executed a predictive analysis exploring relationships between party affiliation and Twitter activity.

Natural Disasters and UNGA Voting Behavior: Data Visualization **May 2019**
- Using different data visualization approaches, visualize and explore the relationship between the occurrence of natural disasters and country voting within the UN General Assembly.

Skills

Programming Language: R (proficient), developing skills in SQL, LISREL, Python, and Tableau
Software: MS Office (Word, PowerPoint, Excel)
Languages: English – native proficiency, Russian – native proficiency

Relevant Experience

Emergent Risk International, Dallas, TX	**January 2018 – August 2018**

Intelligence Research Analyst
- Created, evaluated, and analyzed reports for clients outlining the political, economic, security, and business factors of countries that may pose possible risks to companies and their business models
- Developed and managed data on a portal containing political, social, and economic data sets

UTD Student Success Center, Richardson, TX	**January 2017 – December 2019**

Supplemental Instruction (SI) Mentor Leader
- Facilitated weekly group study sessions for macroeconomics course, designed activities, and marketed sessions to students
- Managed a team of SI Leaders and provided them with a support system to maintain their responsibilities

Volunteer Experience

UTD Office of Undergraduate Education, Richardson, TX	**August 2017 – May 2019**
Freshman Mentor Program	
UTD Comet Cupboard, Richardson, TX	**August 2015 – May 2019**
Cupboard Volunteer	
Volunteers in Plano Program, Plano, TX	**August 2013 – May 2019**
City of Plano College & Teens Volunteer	

Awards

UTD Fred Hill Endowed Scholarship	**Fall 2016, Fall 2017, Fall 2018**
UTD Dean's List	**Fall 2015 – Spring 2018**
Peace Corps Prep Program – Certificate of Completion	**Fall 2018**