

Mariya Sergei Siliankina

Professional Profile

Graduate student seeking opportunities related to data analysis to contribute strong 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
<i>Master of Science in Social Data Analytics and Research</i>	Fast Track Program
<i>Bachelor of Science in International Political Economy</i>	Summa Cum Laude / GPA: 4.0

Relevant Coursework

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

The University of Texas at Dallas, Richardson, TX

Twitter and the Moscow City Duma Election: Data Mining and Cluster Analysis

- Fall 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. A predictive analysis exploring a relationship between party affiliation and Twitter activity is also executed.

Voting Behavior: Earthquakes, Volcanic Eruptions, and Country Voting within the United Nations General Assembly

- Spring 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), Python, 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
<i>Intelligence Research Analyst</i>	

- Created, evaluated, and analyzed reports for clients outlining the political, economic, security, and business factors of countries that may pose possible risk 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
<i>Supplemental Instruction (SI) Mentor Leader</i>	

- 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
<i>Freshman Mentor Program</i>	
Volunteers in Plano Program, Plano, TX	August 2013 – Present
<i>City of Plano College & Teens Volunteer</i>	
UTD Comet Cupboard, Richardson, TX	August 2015 – May 2019
<i>Cupboard Volunteer</i>	

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