

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

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| 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

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| 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 and bilingual proficiency

Relevant Experience

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| 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

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| 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

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| 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

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| 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 |