


RESUME – LEYLI GARRYEVA

PERSONAL INFORMATION	Leyli Garryeva Williamsburg, Virginia ✉ lgarryeva@email.wm.edu	 www.linkedin.com/in/leyligarryeva  leylig.github.io  github.com/LeyliG
SKILLS	Technical : Python, R, Scala, Hadoop, MapReduce, Spark, HTML, CSS, L ^A T _E X, Unix/Linux. Quantitative : Probability, Statistics, Optimization, Math Modeling, Graph Algorithms, Data Wrangling, Data Visualization, Machine Learning, Linear Algebra, Multivariate Calculus. Machine Learning Techniques : Regression analysis, classification, clustering techniques, time-series, reinforcement learning. Languages : Russian, English, Turkmen.	
SUMMARY	A highly motivated graduate student with comprehensive mathematical modeling and analytical skills and a strong interest in statistical modeling, data science, and machine learning ; seeking a position where these skills will add greater value.	
EDUCATION	M.S. in Computer Science , Computational Operations Research, 12/2019 <i>College of William and Mary (Williamsburg, VA)</i> Coursework : Applied Linear Regression, Big Data, Data Mining, Database Management, Network Optimization, Probability, Simulation and Modeling Master of Public Policy , International Development Policy, 2017-2018 <i>College of William and Mary (Williamsburg, VA)</i> Completed 19 credit hours B.S. in Mathematics , minors in Economics and Finance 05/2017 <i>Wingate University (Wingate, NC)</i>	
EXPERIENCE	Instructor Summer Immersion Program , Girls Who Code, Charlotte, NC Summer 2019 <ul style="list-style-type: none">• Worked towards closing the gender gap in technology by leading instructions for a group of 20 high school girls with no prior coding experience• Assessed students' progress in learning Python, Data Science, Web Development, and Robotics• Helped students develop five final projects and gain hands-on experience writing code DrivenData Challenge Data Mining the Water Table , William & Mary Spring 2019 <ul style="list-style-type: none">• Trained multinomial logistic regression, K-nearest neighbors (KNN), and random forest classification models, achieving 73%, 76%, and 81% test accuracy rates respectively• Used R to clean and analyze data for further feature selection to increase prediction accuracy• Collaborated with other team members through GitHub for a class project Network Location Theory Period Project , William & Mary Spring 2019 <ul style="list-style-type: none">• Worked as a team to develop a network-based solution to a problem of selecting optimal locations for feminine hygiene product dispensers on William & Mary campus• Applied various network location models to help improve current location plans to cover more on-campus demand and reduce the average walking time Intern , Eurasia Foundation, Washington, DC Summer 2018 <ul style="list-style-type: none">• Prepared Google Analytics and social media data reports evaluating business performance metrics• Engaged in team-oriented projects to help nonprofits improve outreach and impact by utilizing data• Conducted research and presented recommendations to senior staff members Women's Rights Progress Research Assistant , Wingate University Summer 2016 <ul style="list-style-type: none">• Examined the efficacy of an international treaty in promoting women's rights using R• Assisted in performing empirical analyses using time-series cross-sectional data• Paper presented at the 2016 American Political Science Association's annual meeting, Philadelphia, PA	
ACTIVITIES	Volunteer Community Math Tutor (weekly), Williamsburg, VA 01/2018-present Graduate Assistantship, William & Mary, VA 08/2017-present Three Minute Thesis Competition, William & Mary, VA 10/2018 Viz-a-thon Virtual Data Visualization Contest, William & Mary, VA 09/2018 BB&T Scholars Program, Wingate, NC 08/2015-05/2017 Model United Nations Club Founder and President, Wingate, NC 10/2014-05/2017	