Resume – Leyli Garryyeva

Personal Information

Leyli Garryyeva
Williamsburg, Virginia
✉ lgarryyeva@email.wm.edu
🌐 leylig.github.io
🐙 github.com/LeyliG
💼 www.linkedin.com/in/leyligarryyeva

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,   *December 2019*
     College of William and Mary (Williamsburg, VA)

B.S. in Mathematics, minors in Economics and Finance   *May 2017*
     Wingate University (Wingate, NC)

Skills

Technical : Python, R, Google Analytics, Power BI, LaTeX.
     Exposure to : Hadoop MapReduce, HTML, Scala, Spark, 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. *In progress :* Neural network.

Languages : Russian, English, Turkmen.

Relevant Experience

Instructor | Summer Immersion Program Girls Who Code, Charlotte, NC   *Summer 2019*
- Lead instructions and effectively maintained an exciting, engaging, and accessible classroom environment for a highly diverse group of 20 high school girls
- Managed and assessed students' progress in and proficiency of computer science skills. Topics covered include Python, Data Science (Python), Web Development (HTML and CSS), and Robotics (Arduino C program)

Intern Eurasia Foundation, Washington, DC   *Summer 2018*
- Prepared and presented Google Analytics and social media data reports to evaluate business performance metrics. Helped create and maintain bi-lingual websites
- Engaged in team-oriented projects to help nonprofit organizations improve outreach and impact by utilizing data

Graduate Assistant AidData, Williamsburg, VA   *August 2017-May 2018*
- Evaluated the impact of foreign aid in recipient countries using R (MatchIt) and QGIS to edit and analyze geospatial data
- Worked as an assistant to the Senior Geospatial Scientist at an organization focused on research and improving development outcomes by making data more accessible to global clients such as the World Bank and USAID

Projects

DrivenData Challenge : Data Mining the Water Table William & Mary   *Spring 2019*
- Implemented classification models using random forest, KNN, and logistic regression
- Performed data cleaning/pre-processing and further analysis in R
- Collaborated with other team members through GitHub

Women's Rights Progress Research Wingate University   *Summer 2016*
- Utilized R to analyze data and examine the effectiveness of an international treaty in promoting women's rights. R packages used for time-series cross-sectional data analysis include : Amelia, dplyr, GGPlot2, and Zelig
- Paper presented at the 112th Annual Meeting of the American Political Science Association, Philadelphia, PA. 9/4/2016

Activities

Viz-a-thon Virtual Data Visualization Contest	*September 2018*
Volunteer Community Math Tutor (weekly), Williamsburg, VA	*January 2018-present*
Women Who Code Community Member, USA	*June 2013-present*