

# RESUME – LEYLI GARRYYEVA

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## PERSONAL INFORMATION

Leyli Garryyeva  
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## EDUCATION

**M.S. in Computer Science**, Computational Operations Research, *May 2020*  
College of William and Mary (Williamsburg, VA)  
**B.S. in Mathematics**, minors in Economics and Finance *May 2017*  
Wingate University (Wingate, NC)

## INDEPENDENT LEARNING

**Applied Data Science with Python**, Cognitive Class *December 2018-present*  
**Machine Learning**, AWS Training and Certification *October 2018-present*

## SKILLS

**Operating systems** : Windows, Unix and Linux.  
**Technical** : Python, R, Google Analytics, Power BI, MS Excel, LaTeX, Hadoop MapReduce.  
**Scientific softwares** : Maple, APPL, AMPL.  
**Quantitative** : Probability, Statistics, Optimization, Math Modeling, Graph Algorithms,  
Data Wrangling, Data Visualization, Machine Learning, Linear Algebra, Multivariate Calculus.  
**Languages** : Russian, English, Turkmen.

## RELEVANT EXPERIENCE

**Intern** Eurasia Foundation, Washington, DC *Summer 2018*

- Prepared and presented Google Analytics and social media data reports. Helped create and maintain bi-lingual websites
- Engaged in team-oriented projects to help nonprofit organizations improve outreach and impact by utilizing data
- Conducted research and presented recommendations to senior staff members ; drafted a variety of technical documents

**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 a research and teaching 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

**Database Administrator** Wingate University IT Department, Wingate, NC *Summer 2017*

- Developed and integrated software inventory database, which upgraded the process from the manual input format
- Applied programming skills to generate automated reports in Google Sheets

**Research Assistant** Wingate University, Wingate, NC *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

- AnitaB.org Local Community Member, Washington, DC *January 2019-present*
- Google's Women Techmakers Program Member, Washington, DC *January 2019-present*
- Brazilian Jiu-Jitsu Club, William and Mary, VA *January 2019-present*
- Three Minute Thesis Competition, William and Mary, VA *October 2018*
- Viz-a-thon Virtual Data Visualization Contest *September 2018*
- Volunteer Community Math Tutor (weekly), Williamsburg, VA *January 2018-present*
- Model United Nations Club Founder and President, Wingate, NC *October 2014-May 2017*
- Women Who Code Community Member *June 2013-present*