

Joshua Gladwell

(916) 500-9729 | joshegladwell@gmail.com | <https://www.linkedin.com/in/joshua-gladwell/>

EDUCATION

GEORGETOWN UNIVERSITY

Master of Science in Data Science and Analytics

Washington, D.C.

Aug 2022 – May 2024 (Expected)

- Awards: Merit-based Scholarship
- Courses: Programming in R and Python, Data Science and Analytics, Probabilistic Modeling and Statistical Computing, Natural Language Processing

BRIGHAM YOUNG UNIVERSITY

Bachelor of Arts in Russian, Second Major in Statistics: Data Science

Provo, UT

Aug 2017 – May 2022

- GPA: 3.72
- Awards: Half-tuition BYU Scholarship (2018-2021), Foreign Language & Area Studies Scholarship (2019-2020)

EXPERIENCE

BYU STATISTICS DEPARTMENT

Research Assistant

Provo, UT

Jun 2021 – Apr 2022

- Co-authored PhD research paper aiming to predict the angle of a subject's knee using a knee sleeve lined with twelve stretch-sensors
- Predicted knee angle with RMSE of only 7.6 degrees (flexion/extension) and 1.8 degrees (rotation) using a random forest model
- Presented a 12-minute instructional address on principal component regression at student research conference

Teaching Assistant

Aug 2020 – Apr 2021

- Coached 10+ students each week in R and SAS to perform tasks such as running ANOVA and plotting beta curves
- Developed expert knowledge of ANOVA concepts by giving meaningful feedback on students' course assignments

NONSENSE INC.

Linguistic Data Analyst Intern for Language-Learning App

Provo, UT

Jan – Apr 2022

- Cleaned Russian text data comprised of movie dialogue from hundreds of films
- Adapted coworker's Python scripts to calculate the frequency of various grammatical constructions in the Russian movie speech corpus to inform the app's Russian language curriculum

CHERKIZOVO GROUP

Database Management Intern

Moscow, Russia

May – Aug 2019

- Wrote SQL queries across three databases to provide coworkers with succinct reports on product inventory data
- Abbreviated hundreds of product inventory names based on rules of Russian linguistics for implementation in database

RELEVANT PROJECTS

ANALYSIS OF SCHOOL SHOOTINGS IN THE UNITED STATES

Aug 2022 – Present

- Gathered data from over ten sources and APIs to clean and organize for future analysis and modelling
- Constructed website from scratch using HTML and CSS to host project results [here](#).

IDENTIFYING GENDERED LANGUAGE IN UNITED STATES CONGRESSIONAL RECORD

Aug 2021 – Apr 2022

- Examined the way U.S. Congress speaks about gender in Congressional speech from 1873 – 2016 through keyword frequency distributions
- Presented findings at academic conference Digital Humanities Utah 6 (DHU6)

TECHNICAL SUMMARY

Languages: Python, R, SQL, C++ (introductory level), SAS

Tools: Git/GitHub, Linux command line

Packages: Scikit-learn, Numpy, Pandas, NLTK, dplyr

Web: HTML, CSS, introductory exposure to JavaScript

ADDITIONAL INFORMATION

- **Spoken Languages:** English (native), Russian (advanced, fluent)
- **Volunteering:** Trained, mentored, and supervised over twenty young adults in language-learning, instructional skills, and self-improvement as a church representative in Kyiv, Ukraine from 2015 – 2017