

# Gayeong Kim

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[LinkedIn](#) | [GitHub](#)

## EDUCATION

**The George Washington University**  
**Bachelor of Science, Statistics**

**Washington, DC**  
**May 2025**

Relevant Coursework

- Linear Algebra, Regression Analysis, Bayesian Statistics, Design and Analysis of Experiments
- Statistical Programming (SAS/R), Applied Time Series Analysis, Fundamentals of SAS Programming

**General Education Development (GED)**  
**U.S. High School Equivalency Diploma**

**Administered Online (Seoul, South Korea)**  
**November 2019**

## TECHNICAL SKILLS

- Programming (R, Python, SAS) | Data Analysis (PROC SQL, Excel) | Visualization (Matplotlib, ggplot2) | Software (Microsoft Office) | Web Development (HTML)

## EXPERIENCE

**KAYA Safety Corp**

**Ulsan, Korea**

**Administrative Assistant (Intern)**

**May 2024 - August 2024, May 2023 - August 2023**

- Facilitated communication between management and external vendors by documenting and relaying requests in time-sensitive situations; prepared and submitted accurate inventory and related documents using Excel
- Maintained high data accuracy in client and financial records through Excel-based entry and reporting; delivered up to 5 material request forms per week to on-site departments via messaging platforms, minimizing delays and ensuring smooth construction workflows

**Self-Employed**

**Washington, DC**

**Private Math Tutor**

**January 2023 - January 2024**

- Tutored one undergraduate student in Calculus I, II, and Linear Algebra over three academic terms, improving math proficiency from failing to B+ through structured lessons and personalized facilitation
- Reinforced learning leveraging custom step-by-step exercises based on personal study notes, real-time feedback, and weekly review sessions; helped boost the student's confidence and supported transition to a Data Science major

## ACADEMIC PROJECTS

**Titanic Survival Analysis (SAS, Data Analysis)**  
**Data Analyst (Independent Project)**

**Washington, DC**  
**March 2025 - March 2025**

- Analyzed survival patterns implementing SAS (PROC SQL, DATA Step), converting numerical passenger class and single-letter embarkation codes implementing custom formats to enhance clarity in downstream analysis
- Utilized defensive SAS input options to prevent data import errors from invalid date values, enabling smooth processing of 1,309 observations across 21 variables

**Flu shot Learning Competition (Python, Machine Learning)**  
**Data Analyst (Independent Project)**

**Washington, DC**  
**February 2025 - February 2025**

- Developed a Random Forest model on a dataset of 26,700 records to predict flu vaccine uptake using demographic and behavioral features, achieving an ROC AUC of 0.8317
- Processed a dataset of 26,700 records by imputing missing values, applying One-Hot Encoding for categorical features, and tuning Random Forest hyperparameters to improve predictive performance

## CERTIFICATIONS

- Google Data Analytics Professional Certificate | Google (via Coursera)
- Associate Data Scientist Professional (ADsP) | Korea Data Agency
- Level 2 Social Survey Analyst (Written Exam Passed) | Human Resources Development Service of Korea (HRDK)

## VOLUNTEER EXPERIENCE

**A Wider Circle**

**Silver Spring, MD**

**Community Volunteer**

**November 2022 - November 2022**

- Collaborated with a diverse team to sort and organize 50+ donated clothing, furniture, and household items weekly in a warehouse, ensuring quality control and facilitating redistribution to underserved families in the community

**Martha's Table**

**Washington, DC**

**Clothing Support Volunteer**

**October 2022 - November 2022**

- Sorted and hung over 100 pieces of donated clothing per shift in a thrift shop setting, categorizing by type and size for low-income families; gained insight into the operational effort behind dignified reuse and community impact

## INTERESTS

- Interests: Travel (visited 15+ countries), Classical piano (former chamber orchestra pianist) | Languages: English (Native), Korean (Native)