Sophia Jenkinson

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EDUCATION AND HONORS

The University of Edinburgh   Edinburgh, United Kingdom
Master of Science - Data, Inequality, and Society   2023 - present
- Pursuing a Master's degree, focusing on the intersection of data science and social inequality.
- Developing advanced skills in data analysis, statistical modeling, and data visualization through coursework and hands-on projects.

Pacific Lutheran University   Tacoma, WA
Bachelor of the Arts - Mathematics, History of Art   May 2021
- 3.90/4.0 Cumulative GPA: *Summa Cum Laude*
- Presidential Scholar, Global Scholar, Co-president of Phi Kappa Phi Honor Society
- Relevant Coursework: Introductory Statistics, Statistical Consulting and Computing, Mathematical Modeling, Independent Project in Mathematical Modeling, Java Programming, Discrete Structures, Linear Algebra, Calculus Series (I-III)

SKILLS AND CERTIFICATIONS

- **Programming Languages:** R, Python, SQL, Java
- **Data Science & Analytics Technologies:** Data science pipeline (cleansing, wrangling, visualization, modeling, interpretation), A/B testing, Git, RStudio, Tableau, Google Sheets/Excel (pivot tables, VBA, etc.), BigQuery
- **Code First Girls Uni Kickstarter:** Python and back-end coding course for university students
- **Google Data Analytics Professional Certificate:** Acquired through Coursera, February 2023

PROFESSIONAL EXPERIENCE

Let's Shake Hands   Remote
English Mentor   September 2022 - present
- Providing English language instruction to Ukrainian refugee children, utilizing various digital platforms and tools to deliver interactive and engaging lessons.

ABC Kids International Preschool   Moscow, Russia
Early Education Teacher   September 2021 - April 2022
- Taught at an international school working with children aged 3-4 years old following the British national curriculum.

PROJECTS

Consulting Project - Pacific Lutheran University Admission Data   June 2021
- Conducted an exploratory data analysis of university admission data to identify trends and patterns. Utilized R and SQL to clean and manipulate the data, and Tableau for visualization. The insights obtained from the analysis were used to inform future admission and marketing strategies for the university. Predicted future admission trends based on demographic, socio-economic, and academic factors.

Mathematical Modeling Contest   February 2021
- Participated in an international contest for college undergraduates on a team, modeling the spread of the Giant Asian Hornet in Washington State.
- Using environmental variables as predictors of spread and colonization, the GIS mapping systems, and the existing monitoring infrastructures, the model is able to predict the hornets' movement and provide suggestions on how to distribute resources on managing the spread.

American Statistical Association DataFest   April 2021
- Created a multiple regression model from a large dataset to statistically describe the drug epidemic in Germany, and used Tableau software to create an interactive map describing multiple variables of drug use.