

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, Washington

Bachelor of the Arts - Mathematics, History of Art

2017 - 2021

- 3.9/4.0 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)

PROFESSIONAL EXPERIENCE

English Teacher

Moscow, Russia

ABC Kids International Preschool

September 2021 - April 2022

- Taught at an international school working with children aged 3-4 years old following the British national curriculum.

Data Analyst Intern

Tacoma, Washington

Pacific Lutheran University Office of Admission

January 2021 - 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.

SKILLS AND CERTIFICATIONS

Programming Proficiencies: Proficient in R, Python, SQL, and Java for data analysis and manipulation.

Data Science & Analytics Technologies: Data science pipeline (cleansing, wrangling, visualization, modeling, interpretation), A/B testing, Git, RStudio, Tableau, Google Sheets/Excel (pivot tables, vlookup, etc.), BigQuery

Certifications: Acquired *Google Data Analytics Professional Certificate* through Coursera in February 2023. Currently enrolled in a Python and back-end coding course through *Code First Girls Uni Kickstarter program* for university students.

PROJECTS

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.