

Eric Connelly

Github: <https://github.com/Eric-Conn>

Website: <https://eric-conn.github.io>

Education

The College of Staten Island

Staten Island, New York

Bachelor of Science in Mathematics

May 2021

- Departmental Honors in Mathematics
- Honors Thesis in Topological Data Analysis

Experience

The Fashion Institute of Technology

New York, New York

Mathematics and Statistics Tutor

February 2022 - Present

- Tutoring students in Mathematics, Statistics, Excel, and Data Analysis.
- The majority of my regular students show improved problem solving skills and technical skills by the end of the semester

The College of Staten Island

Staten Island, New York

Supplemental Instruction Leader

January 2020 - May 2020

- Led supplemental classes in Pre-Calculus.

Skills & Certifications

Skills: Python(Pandas, Numpy, Matplotlib, TensorFlow, etc.), Jupyter Notebooks, SQL, Excel, Statistics, Machine Learning, Data Analysis, Data Visualization

Can read papers that involve graduate level mathematics.

Certifications: Google Data Analytics Professional Certificate

Projects

Staten Island Ferry Time Series Analysis

https://github.com/Eric-Conn/StatenIslandFerryProject/blob/main/StatenIslandFerry_Notebook.ipynb

- Using Pandas, performed time series analysis where we identified a trend component and seasonal components in the Staten Island Ferry Ridership Dataset.

IDNYC Data Analysis and Visualization

https://eric-conn.github.io/IDNYC_Post

NYC Ferry Time Series Forecasting

<https://eric-conn.github.io/#nyc-ferry-data-time-series-forecasting>