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Jackson Gazin

❱ Status: Statistics MS Candidate and TA, Wake Forest University

❱ Tools: Python, R, SQL, Apache Spark, TensorFlow, Pandas, AWS, Java

❱ Interests: Data Science, Machine Learning, Statistics, Mathematics

❱ Projects   "Linear Algebraic Methods for Machine Learning" (Honor's Thesis),
Web Scraping College Baseball Data, Using Ridge, Lasso, and Elastic
Net Regression to Predict VRBO Sales Price

❱❱❱ Education

2022-2024	**Master of Science, Statistics, GPA: 3.94**	Wake Forest University, Winston-Salem, NC

❱ Fully-funded two-year Master's in Statistics. Employed as teaching assistant.

❱ Coursework: Linear Models, Probability, Statistical Learning, Bayesian Statistics, Statistical Inference, Stochastic Inference, Data Mining, Causal Inference, Generalized Linear Models.

❱ Extracurriculars: Director of Wake Forest Special Olympics, Member of Campus Kitchen Leadership Team (2023-2024)

2018 - 2022	**Bachelor's Degree, Mathematics, GPA: 3.84**	Washington and Lee University, Lexington, VA

❱ BA in Mathematics (Honors), Minor in Computer Science. Summa Cum Laude.

❱ Relevant Coursework: Mathematics of Information, Programming I & II (Python), Human and Computer Interaction, Software Development, Algorithms, Bayesian Statistics.

❱ Honors: Awarded President's List for the 2018-2019 and 2019-2020 School Years (top 30% in class). Nominated by Washington and Lee Mathematics Department to attend fully funded **Mathematics of Machine Learning Conference** (Courant Institute) (August 2022).

❱ Member of Varsity Baseball Team from 2018 to 2021. First Team All-State (2020), D3 Baseball Team of Week (2020), All-ODAC Academic Team (2019, 2020, 2021).

❱❱❱ Professional Experience

2022-2024	**Teaching Assistant, Statistics Department**	Wake Forest University, Winston-Salem, NC

❱ 8 hours of week grading and teaching for STA 111 (2022-2023).

❱ 7 hours a week tutoring at the Math & Stats center (2022-2023).

Summer 2023	**Data Science Intern**	The Cigna Group, Philadelphia, PA

❱ Developed a machine learning model to identify high-cost customers resulting in 135 million dollars in customer savings

❱ Contributed to the development of an automated SQL engine for model building

Summer 2021	**Data Analytics Consultant Intern**	SC&H Group, Baltimore, MD

❱ Created interactive financial and internal dashboards in Power BI from over 32,000 sets of transaction data for a wholesale seafood supplier with over 30 million dollars in yearly revenue.

❱❱❱ Research Experience

2021-2022	**Undergraduate Honor's Thesis**	Washington and Lee University, Lexington, VA

❱ Researched advanced linear algebra theory and its application in machine learning through Python with Dr. Michael R. Bush.

❱ Developed methods utilizing principal component analysis to optimize efficiency of training any neural networks using MNIST data set.

Summer 2022	**Summer Research Scholar**	Washington and Lee University, Lexington, VA

❱ Publication: Gazin, Jackson, Dresden, Gregory, Kathleen, McNeill. "Normalizers of Linear Fractional Transforms", *American Mathematical Monthly*, VOL 94, NO 2, April 2021