Cameron Jester

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Summary

I am a highly motivated and analytical individual currently pursuing my Bachelor of Science in Data Science and Analytics with a minor in Statistics. I have great enthusiasm for harnessing data-driven solutions to address new and old challenges across disciplines. With solid foundations in data manipulation, interpretation, and presentation using R and Python, I am eager to expand my knowledge, skills, and hands-on experience. I am seeking admission to a master's program to engage with cutting-edge research, collaborate with peers and esteemed faculty, and contribute meaningfully to the evolving field of data science.

Education

Simmons University, Boston, MA
Bachelor of Science in Data Science and Analytics, Anticipated May 2024
Minor: Statistics
Dean's List (*Fall*: '20, '22, *Spring:* '22, '23)
GPA: 3.71
Activities: Mathematics, Computing, Statistics Liaison, American Marketing Association, Varsity Field Hockey

Relevant Coursework:
Statistics: Introduction to Statistics, Introduction to Data Science, Intermediate Statistics, Regression Models, Time Series Analysis, Probability (Current)
Mathematics: Calculus 1, Calculus 2 (Current), Linear Algebra
Computer Science: Introduction to Computer Science, Data Interoperability, Database Management (Current)

Oyster River High School, Durham, NH
High School Diploma, Received June 2020
GPA: 3.68
Activities: National Honor Society, 3-Year Varsity Field Hockey Captain, Writing Tutor

Research Experience

The BU-MIT-Princeton-Simmons Prosody Lab, NSF Funded   **September 2023 – Present**
Data Science Research Assistant
- Transcribe human speech data and create text grids using the Montreal Forced Aligner
- Annotate speech data in accordance to advanced PoLaR guidelines to be used for statistical analysis
- Implement machine learning algorithms to determine power dynamics in human speech data using RStudio

Related Experience

Girls Who Code, Remote
Leadership Academy Fellow   *August 2023 - Present*
- Design, execute, and analyze a survey (400+ respondents) to determine how well college students in the Boston area are aware of preparation resources available for natural disasters
- Create an interactive online tool using RStudio (Shiny, Markdown, HTML) to help students create an emergency toolkit to prepare for a natural disaster
- Attend weekly fellow meetings and networking events to discuss personal leadership growth in the technology field

PTC, Boston MA
People Analytics Intern   *June 2023 – August 2023*
- Extracted information from several company databases using Python to create a robust, aggregated dataset
- Created and tested several types machine learning models such as random forests, multivariate regression, and principle component analysis to determine which avenue to best conduct analysis
- Analyzed engagement metrics using RStudio to identify ways in which to increase company-wide engagement
- Presented findings to key stakeholders and Executive Board Members

BroadStreet Institute
Data Quality Assurance Intern, Remote   *August 2022 – November 2022*
- Conducted weekly spreadsheet check-ins to ensure quality and precision of data entry
- Analyzed historical data to cross-reference current databases for computational inconsistencies

Simmons University, Boston MA
Teacher's Assistant and Tutor- Statistical Design and Analysis   *August 2022 – Present*
- Provide thorough and detailed feedback on areas of improvement in statistical analysis
- Host weekly tutoring sessions for topics such as hypothesis testing, computational analysis, and statistical modeling

Additional Experience
Simmons University Career Education Center, Boston, MA
Lead Peer Career Coach/Data Analyst   *August 2023 – Present*
- Support and train incoming Peer Career Coaches on office resources and staff
- Analyze and report post-graduate career data to support institutional reporting goals
- Review 100+ resumes for sophomore students to feel more prepared during the hiring process

Peer Career Coach   *April 2022 – August 2023*
- Hosted weekly resume review drop-in hours to increase the number of students receiving assistance
- Organized the Career Center's Google Drive to eliminate redundancies for more efficient access to resources
- Assisted in the preparation and execution of semi-annual Career Fairs

Peer Career Assistant   *March 2021 – April 2022*
- Conducted outreach to alumni and reported key data to be used in an annual review process
- Maintained the email and voicemail of the Career Center

Leadership Experience
American Marketing Association – Simmons' Chapter
Co-President   *September 2022 – October 2023*
- Communicated with professors and alumni from the School of Business to provide resources to general body members
- Built and presented workshops on topics such as elevator pitches, networking, and interview preparation

Skills
Certifications: Data Wrangling Certification (BroadStreet Institute, no expiration)
Computer: RStudio, Python, VS code, Atom, Microsoft Suite, Jupyter Notebooks, JSON, HTML, Tableau, SQL, Visier, MongoDB