




Nathaniel Simone

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Experienced in delivering lectures, developing notes, and providing feedback for statistics courses. Organized with a thorough knowledge of statistics and communicating statistical concepts. Proficient in collecting, cleaning, and analyzing data using a variety of statistical techniques and programming languages.

Skills

- Communicating Statistical Concepts
- Canvas Course Development
- Content Delivery In-Person & Online
- Statistical Methods & Machine Learning
- SAS Data Management & Analysis
- R & Python Programming

Experience

AUG 2023-PRESENT

Instructor / University of Central Florida, Orlando, FL

- Delivers lectures for 4 classes a semester, including Statistical Methods I-III, Statistical Theory, and Categorical Data Analysis.
- Successfully transformed the capstone course Statistical Methods III (Regression Analysis) into a “Research Intensive” course, allowing for students to conduct original undergraduate research and earn the RI designation on their transcript.
- Chair of the Course Improvement Committee and attends departmental and other committee meetings.

AUG 2021-MAY 2023

Graduate Teaching Assistant / Florida State University, Tallahassee, FL

- Successfully communicated statistical concepts as lead instructor for 60 students in STA2023 - Fundamental Business Statistics with an overall instructor rating of 4.68/5 and 4.52/5 from my students across two semesters.
- Prepared review session as recitation instructor for three sections of STA2122 - Introduction to Applied Statistics. Senior grader for 60 students in STA3024 – SAS for Data and Statistical Analysis.
- Prepared lectures, developed course notes, created lesson plans, graded exams and homework, held office hours, and assisted students in statistics methods and SAS programming.
- Awarded the annual “Best Graduate Teaching Award” by the Department of Statistics for 2022-2023 school year.

MAY 2022-DEC 2022

Biostatistics Associate / Crinetics Pharmaceuticals, Remote

- Supports ad-hoc requests using SAS for analyses and datasets required for interim data looks, publications, presentations, and manuscripts.
- Collaborates with biostatisticians, statistical programmers, and data managers to develop reports and validate results for various studies.

Education

AUG 2021-MAY 2023

MS Biostatistics / Florida State University, Tallahassee, FL

- 3.958/4.000 GPA
- Solo-Instructor, Recitation Instructor, Senior Grader
- Certificate in SAS Programming and Data Analysis
- Relevant Coursework: Data Management and Analysis with SAS, Statistics in Applications I (ANOVA and Design of Experiments), Statistics in Applications II (Applied Linear Regression), Clinical Trials, Epidemiology for Statisticians, Distribution Theory, Statistical Inference

AUG 2018-DEC 2020

BS Statistics / University of Central Florida, Orlando, FL

- Minor in Mathematics
- 4.000/4.000 GPA
- Summa Cum Laude, University Honors
- Honors Top Graduate (Highest GPA in the UCF College of Sciences)
- Provost Scholarship Recipient & Bright Futures Florida Academic Scholar
- Relevant Coursework: Statistical Methods II & III, Introduction to Biostatistics, Computer Processing of Statistical Data, Statistical Learning, Big Data Analytics Methods, Mathematics for Machine Learning and Artificial Intelligence

Certifications

- SAS Programming and Data Analysis – FSU Spring 2023
- PIE Advanced Teaching Training & PIE Teaching Training
- SAS Certified Specialist: Base Programming Using SAS 9.4