

DANIEL SANKY

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EDUCATION

University of North Carolina at Charlotte,
College of Computing and Informatics, Charlotte, NC
Doctor of Philosophy in Data Science

Expected May 2029

Cornell University, September 2020 – August 2021
Weill Cornell Graduate School of Medical Sciences, New York, NY

Master of Science in Biostatistics and Data Science

Related Coursework: Categorical and Censored Data Analysis, Study Design, Biostatistics,
Statistical Learning, Artificial Intelligence in Medicine

Cornell University, August 2016 – May 2020
College of Arts and Sciences, Ithaca, NY
Bachelor of Arts in Information Science, Concentration in Data Science
Minors in Business, Psychology, and Music

SKILLS

- Proficient in Python, R, SQL, HTML, CSS, and Microsoft Office
- Familiar with SAS, Tableau, PHP, Looker, BigQuery, and MATLAB
- Certified Associate in SAS (December 2020)

RESEARCH EXPERIENCE

Predicting Intubation in COVID-19 Positive
Patients in the New York Presbyterian Health System,
Weill Cornell Graduate School of Medicine, *New York, NY*

July 2021 – August 2021

- Created multiple classification models to predict whether a patient with COVID-19 would be at risk of respiratory failure and require intubation (Logistic Regression, SVM, Decision Trees, etc.)
- Evaluated the performance of models and identified features that significantly predict intubation

Mortality in Interstitial Lung Disease Lung
Transplantation Patients, New York, NY
Weill Cornell Graduate School of Medical Sciences

September 2020 – July 2021

Faculty Advisor/Client: Dr. Arindam Roy Choudhury, Population Health Sciences

- Cleaned large datasets using Python and R

- Investigated factors that influenced the likelihood of survival in patients with Interstitial Lung Disease using Cox Mixed Effect models and found strategies for positively influencing survivability using R and Python
- Visualized patient data in R and SAS Macro using Significance Testing and Kaplan-Meier Survival Curves

Do Hospital Leaders Live in the Communities They Serve? Public Health and Health Equity Research, Icahn School of Medicine, Mount Sinai
December 2020 – March 2021
Faculty Advisor: Dr. Jacob M. Appel, Medical Education

- Publication: <https://pubmed.ncbi.nlm.nih.gov/35557549/>
- Identified the sociodemographic factors of patients served by the largest and best hospital systems in the United States
- Utilized public directories to analyze the demographic characteristics of hospital leadership

Visualizing Deceased Individuals' Life Journeys January 2020 – March 2020
David Strang Lab, Cornell University, Ithaca, NY

- Leveraged Named Entity Recognition in Python to analyze New York Times obituaries from the 1940s to the early 2000s to identify where and when a deceased individual had traveled.
- Visualized where deceased individuals went using GeoPandas.
- Investigated potential connections between deceased individuals based on these visualizations and the dates when the obituaries were published.

INDUSTRY EXPERIENCE

IQVIA, Bridgewater, NJ (Remote) May 2022 – July 2025
Associate Data Scientist

- Analyzed pharmaceutical and healthcare marketing data using R, Python, SAS, Excel, and Tableau
- Proposed and developed code to automate how monthly and quarterly reference files are updated using Python.
- Led the development of an automation tool for creating quarterly syndicated trend reports
- Advised corporate clients using data-driven insights and predictive analytics
- Updated, quality checked, and revised marketing campaign reports

Curated, Remote October 2021 – January 2022
Data Analyst Intern

- Developed Looker Dashboards and SQL queries to help coworkers create informed insights to guide the company
- Proposed and created data quality tests in DBT and Looker to detect abnormalities in company performance metrics

Altruista Health, Remote June 2020 – June 2021
Business Intelligence and Engineering Intern

- Applied machine learning analytics to evaluate the efficacy of health service interventions and to perform product research
- Collaborated with a team of healthcare management and data science coworkers
- Contributed to pilot development of data science and predictive modeling approaches to health service management

TEACHING EXPERIENCE

Inspirit AI, Remote AI/ML Instructor AI Scholars	Summer 2022 – Present
University of North Carolina at Charlotte Charlotte, NC Teaching Assistant Modeling and Society	Spring 2025
University of North Carolina at Charlotte Charlotte, NC Teaching Assistant Factors of Human Performance	Fall 2025
Inspirit AI, Remote Program Manager/Curriculum Manager AI Pioneers	Summer 2024
Inspirit AI, Remote Curriculum Manager AI Scholars	Summer 2023
Weill Cornell Graduate School of Medical Sciences, New York, NY Teaching Assistant Natural Language Processing and Health	Spring 2022 – Spring 2023
Weill Cornell Graduate School of Medical Sciences, New York, NY Teaching Assistant Statistical Programming with SAS	Fall 2021–Fall 2022
Weill Cornell Graduate School of Medical Sciences, New York, NY Teaching Assistant Hierarchical Modeling and Longitudinal Data Analysis	Summer 2022
Weill Cornell Graduate School of Medical Sciences,	Fall 2021

New York, NY
Teaching Assistant
Master's Project 1: Professional Development

Cornell University, Ithaca, NY
Teaching Assistant
Data Science for All (CS/STSCI/ORIE 1380)

Spring 2019 – Spring 2020

OTHER EXPERIENCE

Graduate Life Ambassador, Charlotte, NC

August 2025 – Present

Cornell Alumni Admissions Ambassador Network,
New York, NY
Alumni Ambassador and Interviewer

September 2020 – August 2025

Weill Cornell Data Science Club, New York, NY
President and Founder

April 2022 – September 2023

Cornell University, Ithaca, NY
Residential Advisor

June 2018 – June 2019

HONORS AND AWARDS

Silver Impact Award, IQVIA

May 2025

Certificate of Academic Excellence,
Weill Cornell Graduate School of Medicine

August 2021