

# Maya Krishnamoorthy

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## EDUCATION

**Columbia University Mailman School of Public Health** (New York, NY) *Expected May 2026*  
*M.S. Candidate, Biostatistics (Public Health Data Science Track)*

- *Relevant Coursework:* Data Science I, Probability, Biostatistics Methods, Principles of Epidemiology

**University of North Carolina at Chapel Hill** (*Chapel Hill, NC*) *May 2024*  
*B.S.P.H. Biostatistics & B.S. Computer Science, Minor in Neuroscience*

- *Cumulative GPA:* 3.9/4.0 | *Honors:* Dean's List (2020-2023, Spring 2024)
- *Relevant Coursework:* Algorithms and Analysis, Foundations of Programming, Discrete Math, Data Structures and Analysis, Foundations of Public Health

## TECHNICAL SKILLS

- *Programming Languages:* Python, R, SAS, MySQL, Java, HTML and JavaScript
- *Technologies:* GitHub, AWS, VS Code, Microsoft Office Suite, Oracle, Tableau, D3.js
- *Languages:* Conversational Spanish

## RELEVANT EXPERIENCE

**Robert N. Butler Columbia Aging Center, Graduate Research Assistant** (New York, NY) *August 2024–Present*  
*Aiello Research Group*

- Utilize SAS and R for statistical analysis in preparing presentations and manuscripts related to the Add Health longitudinal study
- Perform data auditing and conduct preliminary analysis related to cognitive function tests
- Assist with quality control of data collection and reporting
- Create datasets for new projects and integrate new variables with existing datasets as needed

**Gillings School of Global Public Health, Statistical Programmer** (Chapel Hill, NC) *August 2022–January 2024*  
*Advisor: Dr. Richard Zink, Adjunct Professor at UNC*

- Devised a programming simulation using SAS to determine the sample size of non-inferiority clinical trials for the best efficacy of glaucoma drugs
- Researched pharmaceutical references surrounding practical glaucoma trials and intraocular pressure to determine the best evaluation of simulation implementation and results

**Fidelity Investments, Data Engineering Intern** (Durham, NC) *June–August 2023*

- Implemented and deployed a generalizable data pipeline from Dataverse (Microsoft) to Oracle using Kafka (for Python) to solve the need for streaming large volumes of data in AWS Elastic Kubernetes Service
- Designed a custom connector from Dataverse to Kafka to allow for real-time ingestion of employee compliance data

**Fidelity Investments, Data Engineering Intern** (Boston, MA) *June–August 2022*

- Integrated AtScale's AI-link tool to build predictive insights for pre-existing financial models
- Developed and presented a PoC predicting profitability of Fidelity's 401K account advisory using AtScale's AI-link's feature engineering and selection techniques, and practiced ML implementations using AWS

**Brain Groomer, Part-Time Tutor** (Cary, NC) *November 2018–May 2022*

- Private tutor for middle/high school level math, AP Calculus, and AP Physics

## LEADERSHIP EXPERIENCE

**UNC Musical Empowerment, Senior Co-President** (Chapel Hill, NC) *June 2022–May 2024*

- Lead and organize music lesson programs each semester for 150+ teacher/student pairs by collaborating with the UNC music department and Chapel Hill school systems
- Develop a community for UNC students and families in the program by hosting recitals, fundraisers to support underfunded music programs, and music education courses

**UNC Ascend, Co-President** (Chapel Hill, NC) *December 2022–January 2024*

- Coordinate with recruiters from EY, Grant Thornton, P&G, and others from banking and technology industries to connect over 60 Asian American students with professional opportunities