

William Daniel Taylor

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University of North Carolina, Chapel Hill, NC

May 2023

B.S. Computer Science, with a second major in Political Science

TECHNICAL SKILLS

Languages:

R, Stata, Python, Java, SQL

Operating Systems:

Linux, Windows Server, Mac OS, Windows 10

Applications:

Rstudio/Quarto, Stata BE, Jupyter Notebook, Git/GitHub, Vim, IntelliJ, Microsoft Office Suite,

WORK/RESEARCH EXPERIENCE

Criminal Justice Innovation Lab, UNC School of Government – Research Assistant

January 2023 – Present

- Provide quantitative and computational deliverables for projects on bail reform, expunction, and court appearance.
- Write substantive prose and methodological appendices for reports delivered to stakeholders.
- Implement software engineering best-practices to enable reproducibility in our research.

Department of Political Science, UNC Chapel-Hill – Undergraduate Research Assistant for Dr. Frank Baumgartner

Dec 2021 – January 2023

- (December 2021—Summer 2022) Assisted with reshaping and feature engineering tasks for a country-wide death penalty dataset.
- (Fall/Winter 2022) Received mentorship while completing an independent research paper on disparate criminal justice contact in NC.
 - Presented on research design and theory for this project at the University of Michigan's Emerging Scholars political science conference.
 - Presented findings at the National Conference of Black Political Scientists Annual Meeting

American Political Science Association Ralph Bunche Summer Institute, Duke University – Research Fellow

June 2022

- Completed two graduate-level courses—Probability and Basic Regression, and Race and American Politics.
- Wrote a quantitative research paper employing rare event analysis to study radicalization into political extremism in the United Kingdom.
- Invited to present at the 2022 American Political Science Association general conference.

SPEC Lab, University of Southern California – National Science Foundation Research Experience for Undergraduates Fellow

Jun 2021 – August 2021

- Collaborated with other research assistants (RAs) to generate reports that informed project direction.
- Held weekly office hours to assist other RAs with R and statistical computing concepts.
- Created visualizations and tables for academic papers, and updated prose with these changes.
- Gave presentations to professors and stakeholders outlining new quantitative findings.
- Created R video tutorials on data visualization, currently hosted on the SPEC Lab YouTube channel.

EXTRACURRICULAR ACTIVITIES

UNC Black in Technology – Outreach Coordinator

Aug 2020 – December 2022

- Collaborate with companies and other student organizations to schedule events for general body members.
- Plan and host an annual professional development symposium in partnership with our sponsors.