w[dtaylor30@gmail.com](mailto:wdtaylor30@gmail.com) | 919-274-8780 | [linkedin.com/in/wdtaylor30](https://www.linkedin.com/in/wdtaylor30) | wdtaylor30.github.io

**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.