

William Daniel Taylor

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University of North Carolina, Chapel Hill, NC
B.S. Computer Science, B.A. Political Science, Data Science Minor

December 2023

GPA: 3.2

Honors: Honors Carolina

TECHNICAL SKILLS

Languages: Java, R, Python, SQL
Operating Systems: Linux, Windows Server, Mac OS, Windows 10
Applications: Git, Jupyter Notebook, RStudio, Vim, IntelliJ, Microsoft Office Suite

WORK EXPERIENCE

Department of Political Science, UNC Chapel-Hill – Undergraduate Research Assistant

Dec 2021 – Present

- Assisting Dr. Frank Baumgartner with criminal justice research
- Performing reshaping and feature engineering tasks on state-level datasets to merge into his country-wide database

SPEC Lab, University of Southern California – NSF REU 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

Allscripts – Identity and Access Management Intern

Jun 2020 – August 2020

- Installed change auditing and backup software on domain controllers. Created runbook to document this process.
- Provisioned user accounts and groups in Active Directory. Responsibilities included creating accounts and granting permissions based on least-privilege requirements outlined by project managers.

EXTRACURRICULAR ACTIVITIES

UNC Black in Technology – Outreach Coordinator

Aug 2020 – Present

- Collaborate with companies and other student organizations to schedule events for general body members
- Currently working on an interview-based podcast to record stories of current STEM students from diverse backgrounds

National Society of Black Engineers, UNC Chapter – Member

Aug 2019 – Present

- Facilitate STEM-related activities with local middle school students
- Attend regional professional development conferences to network

New Voters Project – Coordinator

February 2021 – November 2021

- Promote non-partisan civic engagement on campus through voter registration and education events
- Partner with other student groups such as Undergraduate Student Government and the Residential Housing Association
- Helped over one hundred students register or check their registration before the 2021 local elections

UNC Minority Advising Program – Mentor

Aug 2020 – May 2021

- Worked with freshmen to help them acclimate to the university and navigate the first-year experience
- Provided engaging programming for minority freshmen to build their social network