

# William Daniel Taylor

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## University of North Carolina, Chapel Hill, NC

May 2023

B.S. Computer Science, B.A. Political Science, Data Science Minor

**GPA:** 3.2

**Honors:** Honors Carolina

## TECHNICAL SKILLS

**Languages:** Java, R, Python, C

**Operating Systems:** Linux (Debian, Kali), Windows Server, Mac OS, Windows 10

**Applications:** IntelliJ, RStudio, Jupyter Notebook, Vim, Visual Studio, VirtualBox, VMware, Microsoft Office Suite

## WORK EXPERIENCE

### 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, to be uploaded to 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 the installation process of this software
- Provisioned user accounts and groups in Active Directory
  - Reset passwords, created accounts, and granted permissions based on least-privilege requirements
  - Created and modified groups based on updated privileges detailed by project managers

## EXTRACURRICULAR ACTIVITIES

### New Voters Project – Coordinator

February 2021 – Present

- 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 midterm elections

### UNC Minority Advising Program – Mentor

Aug 2020 – May 2020

- 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

### 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 in partnership with the UNC Admissions Office to improve recruitment of diverse STEM students

### 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