

Nathan Davis

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EDUCATION

University of Pennsylvania, Philadelphia, PA – Bachelor of Arts

August 2019 – May 2023 Expected

- **Majors:** Environmental Studies, Political Science
- **Minor:** Mathematics
- **Cumulative GPA:** 3.83
- **Honors/Awards:** Dean's List, Pi Sigma Alpha Honor Society

PROFESSIONAL EXPERIENCE

University of Pennsylvania, Philadelphia, PA – Research Assistant: Anthropology

February 2020 - Present

- Georeferenced and traced satellite imagery from the 1960s and 1970s
- Collected and analyzed data to study demography and commerce in marshes in Southern Iraq
- Maintained a consistent schedule working independently and remotely

Berkeley Research Group, Washington, D.C. – Summer Associate

June 2022 – August 2022

- Designed scripts in SQL to clean, process, store, and validate tens of millions of records
- Leveraged relational databases and designed detailed queries to prepare reports for clients
- Analyzed cost report data to estimate the cost to hospitals of a minimum wage increase for healthcare workers in ten California cities
- Developed a Python package to query the Sentinel Satellite API to gather data on methane concentrations and to aggregate and clean the results

Allen Thomas for Congress, Greenville, NC – Finance and Organizing Intern

June 2019 - August 2019

- Processed hundreds of check and cash contributions in NGP VAN (voter database)
- Called voters and donors to inform them of events and confirm their intention to attend
- Managed the campaign 'Contact Us' email account
- Contacted news outlets regarding interviews

Walker and Associates: Nationwide Insurance, Greenville, NC – File Clerk

June 2017 - August 2019

- Coordinated with nine offices within the agency to publish the weekly sales report with Excel
- Maintained database of the office's broker auto insurance policies
- Updated QuickBooks as necessary and published daily remittances

SKILLS

- **Programming:** Python, SQL, R, Java, MATLAB, OCaml
- **Software:** ArcGIS, Tableau, Excel, PowerPoint, MS Access
- **Languages:** Intermediate Spanish, Basic Russian

EXTRACURRICULAR ACTIVITIES

Climate Reality Project:

- Solicited endorsements from professors, department heads, and deans to establish climate as Penn's 2021-2022 academic theme
- Helped to organize a panel discussion on environmental justice

University of Pennsylvania Democrats:

- Wrote and formatted the monthly alumni newsletter
- Organized a professional development panel with four alumni
- Presented on nuclear energy policy and the 2020 Democratic primary
- Volunteered for campaigns to register voters, canvass, and phonebank