

Trevor Tibbetts (He/Him)

San Diego, CA | (858) 500-6734 | ttibbetts5766@sdsu.edu

github.com/trevortibbetts | Election analytics & GIS projects

EDUCATION

San Diego State University — *M.S. Geography (GISciences)* | Expected May 2026

DePaul University — *Graduate Certificate in GIS* | June 2024

Loyola University Chicago — *B.A. Political Science, cum laude* | May 2023

TECHNICAL SKILLS

Programming & Analysis: Python, R, SQL, JavaScript, Git

Spatial & Election Analytics: ArcGIS Pro, GeoPandas, PySAL, census & precinct data

Visualization & Reporting: Tableau, p5.js, Excel, Illustrator, Google Workspace

Campaign-Relevant Focus: Precinct-level election data, political mapping, redistricting analysis

RESEARCH & ANALYTICS EXPERIENCE

Graduate Researcher, *Center for Open Geographical Science, SDSU* | Aug 2024 – Present

- Analyzed precinct-level election returns in Python to identify geographic patterns of partisan support.
- Applied spatial clustering methods (PySAL) to detect strongholds and competitive political geographies.
- Built reproducible GIS workflows and produced clear, decision-ready maps for non-technical audiences.

Collections Intern, *MacLean Collection, Lake Forest, IL* | May 2023 – Apr 2024

- Digitized and cataloged a 400,000-item historical map collection using standardized metadata.
- Supported data quality, archival workflows and long-term information management.

Student Researcher, *Institute for Racial Justice, Loyola Univ. Chicago* | Aug 2022 – Dec 2022

- Produced public-facing maps and briefs using census and housing data on Chicago housing inequities.

Constituent Services Intern, *Office of Chicago's 49th Ward* | Aug 2021 – Dec 2021

- Handled high-volume 311 constituent service requests in person and via phone and email.
 - Conducted neighborhood outreach related to participatory budgeting and ward service notices.
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ELECTION & MAPPING PROJECTS

Geography of Division (M.S. thesis) – Presented at NARSC 2025 (Denver, CO).

- Precinct-level spatial analysis of electoral polarization using the S-Statistic.
- Analyzing ~700,000 precinct geometries to measure geographic concentration of partisan support.

GerrySD – Citizen-science redistricting platform enabling residents to draw local legislative boundaries.

Proposition 50 Analysis – Spatial evaluation of polarization across California congressional map drafts.

ADDITIONAL EXPERIENCE

Ticket Services Representative, *San Diego Padres* | Jan 2025 – Present

- Manage high-volume customer inquiries using CRM systems and maintain accurate records.
- Communicate clearly with customers in a fast-paced, deadline-driven environment.