

# AUSTIN STEINHART

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## EDUCATION

### Harris School of Public Policy, The University of Chicago

MS, Computational Analysis and Public Policy

Relevant Coursework: Web Development, Databases, Machine Learning, UI/UX Design, Algorithms, Cloud Computing

Chicago, IL

June 2025 (Expected)

### University of California – Los Angeles

BA, Economics and Political Science, Cum Laude, College Honors

Los Angeles, CA

June 2019

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## PROFESSIONAL EXPERIENCE

### Mansueto Institute for Urban Innovation

*Research Engineer*

August 2024 - Present

- Redesigned and built a property tax explainer that allows homeowners in Cook County to understand changes in their tax bill using FastAPI to dynamically render an R Markdown file from an address search.
- Designed and implemented an interactive web-based map using MapLibre with over 1.4M building parcels to allow research and journalists to explore corporate property ownership in Chicago.
- Implemented a front-end redesign of three web apps using FastAPI and Dash.py allowing the public to view novel data on public transportation, property networks, and public spending
- Developed a generic record linkage tool by abstracting code from a specific use case, enabling versatile application across diverse datasets and improving data integration efficiency

*Data Science Journalism Fellow*

June 2024 - August 2024

- Built a fully automated data pipeline in Python, processing over 600M rows weekly by integrating data from multiple external APIs, transforming datasets, and exporting results to a database
- Designed and developed a web application with FastAPI to host a real-time dashboard, enabling the public to dynamically explore and analyze bus service metrics
- Authored a comprehensive report analyzing historical real-time public transit data to inform reporting on the quality of public transportation across Chicago

### Data Science Institute

*Data Science Clinic Teaching Assistant*

September 2024 - December 2024

- Supported, mentored, and provided code reviews for two teams of four undergraduate and graduate students in an experiential project-based course where students work as data scientists with real-world clients
- Projects include using clustering and ranking techniques to determine efficient library book storage and mapping and factor analysis to explore food access and grocery store market concentration in metropolitan statistical areas.

### Democratic National Committee

*Consultant*

March 2024 - August 2024

- Supported the migration of over 30MM records through cross-functional partnerships with engineering to determine data architecture, creating requirements with the nontechnical stakeholders, and leading infrastructure refactoring resulting in beating fundraising projections every month since implementation.

*Fundraising Analyst*

October 2021- August 2023

- Full stack analyst responsible for integration and analysis of large complex data sets using dbt, BigQuery, Python, and Google Apps Script, definition and measurement of impact, outreach targeting, and workflow optimization to support grassroots fundraising goals
- Delivered direct technical and strategic support to more than 20 internal stakeholders, contributing to two record-breaking fundraising years raising more than \$150 million in the 2022 midterm election cycle
- Led the creation of a department-wide KPI report reviewed daily by leadership including determining metrics, transforming raw data, designing and implementing an accessible dashboard

### Changeist

*Program Manager*

July 2019 - July 2021

- Led first site expansion to Stockton, CA of a nationally recognized youth development non-profit that brings together young people outside of school and across neighborhoods to learn a common civic language, engage in dialogue, and build community to investigate local and global challenges
- Managed a team of 15 full-time AmeriCorps members, oversaw the recruitment of 125 youth from more than 24 school sites, developed relationships with dozens of community partners, and developed system-level partnerships with school districts and local governments

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## RELEVANT LEADERSHIP EXPERIENCE

**The Chicago Maroon**, *Lead Developer*

September 2023 - Present

- Partner with writers and editors to design and develop compelling data visualizations using, edit data journalism articles, and lead data journalism workshops using D3.js, Highcharts.js, and Python ([view work here](#))

**South Side Civic**, *Board Member*

September 2023 - Present

- Planned and participated in annual "Scopeathon" which connects community organizations with data-driven students to identify solutions to complex local challenges; recruited 14 community organizations and scoped problem statements that 70 student participants worked on over a weekend.

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## SKILLS

**Programming:** Python (pandas, polars, scikit-learn), Javascript (D3.js), Mapbox/Maplibre, HTML + CSS, SQL, R, Figma