

## Education

### 2026 University of Chicago

Master of Arts (MAPSS) in Sociology / Computational Social Sciences

Thesis: Computational Analysis of the AI Sentiment in News Discourse

IPSOS Micro Grant Award Recipient

### 2022 DePaul University

Bachelor of Arts in Sociology

McNair Scholar, Healy Foundation Scholar, Dean's List Student

## Skills

Programming R, Python, LaTeX, SQL, Git/GitHub, AI Prompt Engineering

Concepts Machine Learning, Granger Causality, Geo-spatial Analysis, Data Wrangling, Econometric Modeling, Multivariate Analysis, A/B Testing, Component-Based Architecture

Statistics Bayesian Inference, Non-parametric Statistical Tests, Regressions, Difference-in-Difference, Time-Series

Research Mixed Methods (Qual/Quant), Ethnography, Focus Groups, Grants/Proposals, Interviewing, IRB, Study Design, Study Recruitment, Surveys, Web-scraping, 3P Data

Software MAXQDA, NVivo, SPSS, STATA, Qualtrics, Microsoft 365, Google BigQuery, R Studio, Canva, React, Next.js, Tailwind CSS, Framer Motion, Clerk, Vercel

Visualization Tableau, RShiny, Quarto, Overleaf, Frontend Web Development, UI/UX Design, Aseprite

## Experience

### 2026–Present Front-end Developer, STEALTH STARTUP, (Confidential).

- Front-end architecture development lead for a SaaS platform utilizing Next.js, React, and TypeScript.
- Designed and implemented the UI/UX components using Tailwind CSS and Framer Motion.
- Maintained organization by creating a site architecture diagram and excel spreadsheets.
- Established REST APIs, user signup/login pipeline, and cookie-based telemetry for engagement tracking.
- Created one-of-a-kind static and animated pixel art for the startup's branding using Aseprite.

### 2022–2025 Research Associate, NATIONAL OPINION RESEARCH CENTER AT THE UNIVERSITY OF CHICAGO, PUBLIC HEALTH DEPARTMENT.

- Co-authored grant proposals securing \$100,000+ in funding from CDC and NIH.
- Screened, recruited, scheduled, and interviewed 100+ for VTTI Traffic Safety focus groups.
- Co-designed survey for GWG study administered yearly to 2,750 youths.
- Cleaned, recoded, and analyzed large-scale datasets in SPSS, NVivo, and MAXQDA.
- Founder and leader of the GWG Youth Advisory Group.
- Co-developed the CLAS Standards health care provider toolkit, authored the Mental Health, Rural, Long Term Care portions for CMS OMH.

### 2021–2022 Undergraduate Researcher, ICH UND DU LAB, DEPAUL UNIVERSITY, Chicago, IL.

- Researched hierarchy formation and its correlation with socioeconomic status.
- Assisted PhD candidates in the early development of an original study on the misattribution of arousal.

### 2021–2022 Graduate Intern, NATIONAL OPINION RESEARCH CENTER AT THE UNIVERSITY OF CHICAGO.

- Interviewed 20 participants for the rehabilitation of previously incarcerated LGBTQ+IA individuals study.
- Quantitative data analysis using STATA for the National Social Life, Health and Aging Project (NSHAP) and the High School and Beyond (HSB) Project, both focused on aging and geriatric populations.

### 2021 Research Intern, FONSELP, Buenos Aires, Argentina.

- Conducted partnership outreach, recruiting international nongovernmental organizations and corporations to invest in local Latin American communities.

