Adam Visokay

Seattle, WA
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Website: avisokay.github.io
github.com/avisokay
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SKILLS

Languages	Python;	*networkx, NLTK, spaCy, bs4, PyTorch, tensorflow, sklearn*
	R;	*IPD, shiny, torch, igraph, bayes{Life;Pop;TFR;MIG}*
Quantitative Research		Inference on predicted data (IPD), NLP, DL (RNN & LSTM), probabilistic modeling (MCMC, LDA, BHM)
Other		Git, LaTeX, MarkDown, Azure, SQL, Jupyter (Anaconda), Apache Airflow, Docker

TECHNICAL EXPERIENCE

Independent Consulting   **2023 —**
Washington State Center for Court Research (WSCCR)   *Seattle, WA 2024*
- Topics: Legal fines and obligations (LFO) and restitution payments ordered by WA state and municipal courts.
- Built an NLP pipeline to clean and model raw text data from court records to identify LFO recipients by type.

Sound Data Project   *Seattle, WA 2024*
- Created website for the University of Washington Puget Sound Survey, designed to share information with the community.

Graduate Research Assistant   **2024 —**
University of Washington Department of Sociology and Seattle Housing Authority, advised by Kyle Crowder   *Seattle, WA*
- Topics: Urban sociology, rental housing, neighborhood change.
- Web scraping, literature review, preparing materials for human subjects review board, writing articles reports and presentations.
- Using local rental-ad data to perform quantitative analyses to explore and advise on strategies for variable rent standards.

Pre-Doctoral Research Assistant   **2021 — 2023**
University of Washington Center for Statistics & the Social Sciences, advised by Rachel Heath and Tyler McCormick   *Seattle, WA*
- Topics: Development & public health, diffusion on networks, survey sampling, modeling network formation (LS, ERGM, SBM)
- Converted existing code base from STATA into R and wrote simulations in R to inform our primary data collection strategy.
- Performed literature reviews, quantitative analyses and manuscript writing/editing for academic publishing.

Post-Baccalaureate Research Assistant   **Summer — 2021**
Sciences Po, advised by Thomas Chaney and Johannes Boehm   *Paris, France (remote)*
- Topics: Historical Migrations, Trade and Growth
- Scraped data from dozens of museums digital archives (>500k observations), developed and maintained ETL pipeline.
- Used entity matching on raw text to identify geographic location, time period and technology for each artifact.

SELECT PUBLICATIONS

From Narratives to Numbers: Valid Inference Using Language Model Predictions from Verbal Autopsy Narratives   **2024**
Conference on Language Modeling (COLM)
- Predicting cause of death from text narratives with language models to inform global public health policy.

GPT Deciphering Fedspeak: Quantifying Dissent Among Hawks and Doves   **2023**
Empirical Methods in Natural Language Processing, Findings (EMNLP)
- Is GPT-4 any good for a highly technical linguistic task using economic text data?
- Quantifying dissenting views on inflation among members of the US Federal Reserve Board since 1994.

EDUCATION

PhD in Sociology, *University of Washington, advised by Tyler McCormick*	**2023—**
MA in Sociology, *University of Washington*	**2024**
MA in Economics, *Syracuse University*	**2017**
BAs in Economics & History, *University of Virginia*	**2016**

TEACHING

Graduate Teaching Assistant   **2023 —**
University of Washington
- Graduate Student Math Camp, Center for Statistics and the Social Sciences   Summer 2024
- Undergraduate Survey of Sociology, SOC 110   Spring 2023
- Undergraduate Statistical Concepts and Methods for the Social Sciences, STAT 221   Fall,Winter 2023

ACTIVITIES

Home cooking, baking sourdough, pickle ball, camping and running (my best mile time is 4:02)