

IHSAN KAHVECI



EMPLOYMENT

2022

- **Data Science for Social Good Fellow**
eScience Institute, University of Washington 📍 Seattle, WA
 - **Project:** Tracking family and intergenerational poverty using administrative data
 - Designed a SQL database for confidential data. • Conducted stakeholder interviews.
 - Created statistical models to predict households. • Developed a research prototype.

2022

2020

- **Research Assistant to Zack Almquist**
University of Washington 📍 Seattle, WA
 - Feasibility Study for Puget Sound Longitudinal Health and Wellbeing Data Survey
 - Literature Survey on Demography, Health and Data Science
 - Quantified Self: Societal Implications of Self Tracking

2021

- **Graduate Researcher**
Max Planck Institute for Demographic Research 📍 Germany
 - Evaluated non-response bias correction methods for large-online surveys



PROJECTS

2023

- **Measuring the Quality of Online Recruitment for Demographic and COVID-19 Pro-Social Behavior**
Population Association of America Annual Meeting (*accepted*)
 - Used bootstrap methods to analyze the impact of algorithmic bias.
 - Integrated samples from a household panel survey and a social media survey.
 - Implemented inverse propensity weighting to minimize nonsampling error.

2022

- **Pilot Study for Puget Sound Longitudinal Health and Wellbeing Survey**
 - Merged public address records with Census block-level population counts.
 - Created reports and maps for designing the sampling schema.
 - Conducted interviews and focus groups with survey respondents.

2022

- **Medical Professionals' Expressions of Vaccine Hesitancy Online**
American Sociological Association Annual Meeting
 - Verified 2000 healthcare workers in Twitter using public records.
 - Used NLP methods to predict COVID-19 vaccine hesitancy.

2021

- **Nationalism in Religious Discourse: Examining Kurdish-Turkish Conflict**
American Sociological Association Annual Meeting
 - Used NLP methods to study religious texts in Turkish.
 - Interviewed government employees. • Conducted ethnographic fieldwork in mosques.

CONTACT

✉ ikahveci@uw.edu
☎ (206) 793-2368
📧 [ihsankahveci](https://ihsankahveci.com)
🔗 ihsankahveci.com
🐦 [@kahvecihsan](https://twitter.com/kahvecihsan)
in [ihsankahveci](https://ihsankahveci.com)

RESEARCH

Population Health
Misinformation
Social Network Analysis
Survey Methodology
Computational Methods
Mixed-Methods Design

SKILLS

Probability & Statistics
Machine Learning
Data Visualization
Cloud Computing
Version Control
Database Management

PROGRAMMING

R
SQL
Bash
Python
Vega-Lite
Javascript (d3.js)

LANGUAGE

Turkish (native)
English

*This resume was made with
the R package [pagedown](#).*

Last updated on 2023-01-03.



EDUCATION

Present
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2019

- **PhD Student, Sociology** (*exp. 2023*)
University of Washington
 - MA, Sociology (2021)
 - Graduate Certificate in Demography (2022)
 - Concentration in Social Statistics (2022)

📍 Seattle, WA

2019
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2014

- **BA, Management, *High Honors***
Bogazici University

📍 Istanbul, Turkey