

# Erick Axxe

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## EDUCATION

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### The Ohio State University

*Ph.D. in Sociology*

*Master of Arts in Sociology*

Columbus, OH

*Expected Spring 2023*

*December 2019*

### University of Arkansas

*Bachelor of Arts in Sociology & German (minor in Statistics)*

*Universität Regensburg exchange student (Regensburg, Germany)*

Fayetteville, AR

*May 2015*

*Spring 2014*

## EXPERIENCE

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### Graduate Research Assistant

December 2018 – Present

*Family Migration and Early Life Outcomes (FAMELO) Project*

*Department of Sociology*

- Managed longitudinal data containing over 15,000 Mexican, Mozambican, and Nepalese respondents
- Formulated research questions, conducted statistical analyses, and presented results at national scientific conferences
- Collaborated with researchers at Penn State, Arizona State, and Ohio State to prepare data for public use
- Built and maintained FAMELO's website for scientists at multiple universities and research institutions

*Higher Education Inequality Project*

*Department of Sociology*

- Conducted over 20 interviews with undergraduate students
- Prepared 150+ qualitative interviews for data analysis using Natural Language Processing techniques
- Wrote manuscripts and utilized data visualization methods for publication

### English Teaching Assistant

September 2015 - June 2016

*Fulbright U.S. Student Program*

*Berlin, Germany*

- Created lesson plans and taught over 120 German students
- Gathered intercultural knowledge while working in a foreign secondary school

### Soccer Referee

March 2009 - Present

*United States Soccer Federation*

*Chicago, IL*

- Officiated over 2,000 matches, interacting with individuals from a wide variety of ages and identities
- Demonstrated strong interpersonal skills and professionalism in a highly competitive environment

## PROJECTS

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### Computational Social Science

August 2019 – Present

- Scraped salary data and photos of over 100,000 professors at public universities across the United States
- Conducted statistical analyses on skin tone and gender inequalities using data from over 200,000 Airbnb hosts
- Trained six undergraduate research assistants in Python and R to scrape websites and conduct statistical analyses
- Received grant funding from Ohio State's department of Sociology to develop projects
- Presented findings at the American Sociological Association and Population Association of America annual meetings

## SKILLS

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**Software:** Python (intermediate), Stata (advanced), R (intermediate), NVivo, Markdown, Git, L<sup>A</sup>T<sub>E</sub>X

**Languages:** English, German

**Trainings:** Annual Workshop on Formal Demography (Berkeley, 2019), Online Teaching (Ohio State, 2020)

**Relevant Coursework:** Categorical Data Analysis, Applied Bayesian Statistics, Hierarchical Linear Models, Nonparametric Statistics (undergraduate level), Introduction to Demographic Analysis, Big Data in Education

**Memberships:** American Sociological Association, Population Association of American, Phi Beta Kappa, Delta Phi Alpha