

## Professional Profile

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Data scientist with technical, analytical thinking, written communication, and social science research skills, with a diverse educational background in both data science and political science and philosophy. Published researcher with a focus on textual analysis and regional expertise in the politics of Islamic societies. University instructor and mentor with 13 years of teaching experience.

## Education

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**University of California, Berkeley School of Information** – Master of Information and Data Science      2026 (*anticipated*)  
*Relevant Courses:* Introduction to Data Science Programming, Research Design and Applications for Data and Analysis, Statistics for Data Science, Fundamentals of Data Engineering, Applied Machine Learning

**University of California, Berkeley, Department of Political Science** – Ph.D., Political Science      2016  
*Dissertation:* *The Constitutionalism of Ruhollah Khomeini's Theory of Guardianship*

**Harvard University** – A.B., Government      2006

## Selected Projects

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**Do People from Big Families Love Big Families?** *Statistics for Data Science course, UC Berkeley*      2024  
Analyzed the relationship between sibling count and perceived ideal family size using ordinary least squares regression models in R.

**Partisan Differences in Voting Difficulty in the 2022 Midterm Elections**, *Statistics for Data Science course, UC Berkeley*      2024  
Examined whether party affiliation was associated with perceived voting difficulty in the 2022 US midterms using a two-sample t-test in R.

**Empathy and Racism during Childbirth**, *Research Design and Applications for Data and Analysis course, UC Berkeley*      2024  
Proposed a study using surveys and interviews to examine how medical professionals respond to pain expressed by women of color during labor.

**Using Machine Learning to Assess Mental Health**, *Applied Machine Learning course, UC Berkeley*      2024  
Built machine learning models to gauge the mental health of the authors of short statements that were posted in online forums.

**Mapping Refugee Movement around the World**, *Fundamentals of Data Engineering course, UC Berkeley*      2025  
Analyzed global refugee movements (2010–2022) using Neo4j and graph algorithms to explore patterns in migration networks.

## Skills and Tools

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- Coding: Python, R
- Database: MySQL, NoSQL, Neo4j, Docker
- Machine Learning: Scikit-learn, Keras, Tensorflow, PyTorch
- Visualization: Matplotlib, Plotly, Seaborn

## Experience

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**Stanford University**      **Stanford, CA**  
*Lecturer, Structured Liberal Education*      2019 – 2023

- Instructor in this “great books” program, guiding freshmen in critical thinking and writing.
- Synthesized questions about hundreds of pages of material each week to lead discussions and earned consistently high ratings (4.7/5+).
- Mentored students in end-of-year research projects as well as other textual and artistic analysis projects throughout the year. Coached them in their oral presentation skills to help them communicate their work.
- Collaborated with a teaching team to support students with diverse knowledge backgrounds and skills.
- Conducted research and writing for a book project and three published academic articles analyzing more than 10 volumes of the writings of an Islamic political leader and scholar. Presented research at multiple conferences, translating complex ideas for non-expert audiences unfamiliar with the Islamic world.

**Princeton University**      **Princeton, NJ**  
*Lecturer, Department of Near Eastern Studies*      2017 – 2019

- Conducted empirical and textual research on Iranian politics and the contemporary Islamic world, and presented and led analysis of this work in five courses at Princeton.
- Collaborated with interdisciplinary experts at the Iran Center to organize events and develop educational resources that deepened Princeton students' understanding of Iranian politics, international relations, and the diaspora.

# Nura Hossainzadeh

**Georgetown University**

**Washington, D.C**

*Postdoctoral Fellow*

2016 – 2017

- Led students in a comparative study of political thought across world cultures, drawing on texts from diverse regions and time periods—including ancient China, ancient Greece, 20th-century India, and the contemporary Islamic world.
- Organized and facilitated a national speaker series, inviting scholars from across the country to present their research to the Georgetown community.

## Academic Publications in Political Science

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**Democratic and Constitutionalist Elements in Khomeini's *Unveiling of Secrets and Islamic Government***, *Journal of Political Ideologies*, 2016

This article argues that the leader of the Islamic Revolution's lesser-known *Unveiling of Secrets* outlines a democratic vision of Islamic government.

**Ruhollah Khomeini's Political Thought: Elements of Guardianship, Consent, and Representative Government**, *Journal of Shi'a Islamic Studies*, 2014

This article argues that the leader of the Islamic Revolution saw consent and representation as necessary prerequisites to political legitimacy.

**Political Thought in Contemporary Iran: Ayatollah Javadi Amoli's Theory of Guardianship**, In Proceedings from Afro-Middle East Centre Conference, "Political Islam: Conceptualising Power between Islamic States and Muslim Social Movements," 2016

This article outlines the political thought of a contemporary Iranian politician and theorist of Islamic government, Ayatollah Javadi Amoli.