

Peter Amerkhanian

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Summary of Experiences:

5+ years of experience applying data science methods and critical thinking to solve policy problems.
Pursuing graduate study in Public Policy and Applied Data Science.

Education

University of California, Berkeley, Goldman School of Public Policy Berkeley, CA
Master of Public Policy, Policy Analysis Expected May 2023

- *Relevant Coursework:* Econometrics, Program Evaluation, Spatial Data Analysis

University of California, Berkeley, School of Information Berkeley, CA
Graduate Certificate, Applied Data Science May 2022

- *Relevant Coursework:* Principles of Data Science, Machine Learning, Text Analysis

University of California, Berkeley Berkeley, CA
Bachelor of Arts, Political Economy May 2016

Professional Experience

University of California, Berkeley Berkeley, CA
Data Science Instructor August 2021 – May 2023

- Taught graduate-level data analytics course to 60 students; received highest evaluation scores in course history, awarded the UC Berkeley 2022 Outstanding Graduate Student Instructor award
- Lead workshops in data science methods for academic researchers and graduate students at the Berkeley Social Science Data Lab

Data Scientist Intern, Berkeley Institute for Young Americans May 2022 – December 2022

- Produced a detailed statistical forecast of the effects of reforming California's property tax system; translated complex modeling results into a clear, succinct memo for publication
- Wrote software in R to manage and run regression models on large unstructured data

United Way Bay Area San Francisco, CA
Data Analyst April 2020 – August 2021

- Built a data analysis system using Python and Salesforce to evaluate United Way Bay Area (UWBA) client outcomes; automated previously days-long impact evaluation tasks
- Constructed a custom six-page informational website for UWBA community colleges program; saved team \$8K in outside web development contracting fees

The Peace Corps Machala, Ecuador
Education Specialist January 2018 – March 2020

- Developed a data management software application in Python for a local high school; reduced completion time for a common grading task from one week to five minutes
- Surveyed 200 students and convened five focus groups with local educators to assess community needs; utilized findings to create an English learning program for youth

Skills

- **Expert:** Python, Excel. **Advanced:** R, Tableau, GIS, SQL, Git, Linux
- Spanish proficiency (conducting interviews, facilitating meetings, translating)