Peter Amerkhanian

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Summary of Experiences

4+ 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 Research and Data Science Expected May 2023
- *Teaching*: Taught graduate-level data analytics course; awarded '22 Outstanding Graduate Student Instructor award
- *Relevant Coursework*: Econometrics, Causal Inference, 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

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

Professional Experience

UC Berkeley Institute for Young Americans Berkeley, CA
Data Scientist Intern May 2022 – December 2022
- Produced detailed statistical analysis of the effects of reforming California's property tax system; translated complex modeling results into a clear, succinct memo for publication
- Wrote computer programs to manage and run statistical models on large unstructured data

United Way Bay Area San Francisco, CA
Community Impact Fellow 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 website for UWBA community colleges program; saved team $8K in outside web development contracting fees

The Peace Corps Machala, Ecuador
Community 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

Kazan Law Firm Oakland, CA
Legal Assistant August 2016 – January 2018
- Conducted legal research and produced review materials for attorneys' use in trials

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Skills

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