

Megan Morris

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EDUCATION

UC Berkeley

Berkeley, CA

Graduated May 2021 | Majored in Applied Mathematics, French and Political Science

- 3.83 GPA | Distinction in General Scholarship

EXPERIENCE

Berkeley² Academy

Austin, Texas

SAT Math Instructor

October 2021- April 2022

- Developed and taught lessons following SAT math curriculum for classes of 20 high school students
- Targeted weaknesses in understanding with lessons designed to counter misunderstandings

Teaching Assistant Program in France

Grenoble, France

English Language Teaching Assistant

October 2021- April 2022

- Created enrichments and lessons for 7 classes of 30 elementary school students
- Developed student's English communication skills while incorporating TEFL learning objectives

UC Berkeley Student Learning Center

Berkeley, CA

Study Group Facilitator

August 2020 - August 2021

- Led weekly study groups for students in Comparative Politics and Quantitative Methods courses
- Created multimedia resources to counter common Python based misunderstandings
- Promoted community building among students adjusting to online learning

UC Berkeley Political Science Department

Berkeley, CA

Political Science Research Assistant

September 2019 - August 2021

- Followed a coding protocol to analyze constitutions for a dataset of 119 developing countries
- Maintained contacts within national embassies and United Nations missions
- Created datasets for analysis using academic sources related to national defense systems

Projects AND COURSEWORK

MATH 128 - Numerical Analysis

- Leveraged MATLAB to solve calculus based problems

CS50x - Introduction to Computer Science | Hosted by Harvard through edX

- Exploring topics such as algorithms, data structures, resource management, security and software engineering at a beginner's level
- Exposure to C, Python, SQL, HTML, CSS and JavaScript

Research: Understanding Indian Politics Through Data

- *The Effect of Sterilization on Women's Participation in the Indian Context*
- Analyzed the effect of contraception, and specifically sterilization, on the roles of women in their families and

communities using R to interpret health data from 42,152 households

Personal Finance Website

- Created using HTML, CSS, JavaScript and ChartJs
- Built a compound interest calculator that gives final value of investment given initial inputs and interest rate

Probability Simulator Website

- Built using CSS, HTML and JavaScript
- Integrates Bootstrap styling
- The project walks students through some classic probability problems with interactive tools.

SKILLS AND HOBBIES

- Data experience in Python, R, and Matlab
- Basic experience in C and SQL
- Experienced in Google Workspace
- Experienced in LaTeX
- Strong leader and teacher

- Creative problem-solver
- Effective writing and proofreading skills
- Hiking and camping
- International and local solo travel