

Joshua Weimer

STUDENT | DATA ANALYST

☎ (979) 587-5729 | ✉ jjweimer@ucsd.edu | 🏠 www.joshweimer.com | 📷 jjweimer | 📺 josh-weimer

Education

University of California San Diego (UCSD)

B.S. POLITICAL SCIENCE / DATA ANALYTICS

[La Jolla, California](#)

Expected - June 2022

- Courses - Machine Learning, Data Analytics of National Security, Game Theory, National Security Strategy, Econometrics

Work Experience

UCSD Data & GIS Lab

SHINY DEVELOPER, DATA & GIS LAB ASSISTANT

[La Jolla, CA](#)

Jan 2022 - Present

- Developed R-Shiny web app which automates the cleaning and visualization of service statistics data used by 50 librarians
- Developing R-Shiny web app for automated service statistics external reporting
- Assisted students and UCSD researchers with finding data-sets, use of data analysis languages and software

UCSD Political Science Department

RESEARCH ASSISTANT

[La Jolla, CA](#)

Feb 2022 - Present

- Assisted Professor Gareth Nellis with research project analyzing political violence in India
- Cleaned, reshaped, and merged data-sets using R

UCSD Canyonview Aquatic Center

LIFEGUARD

[La Jolla, CA](#)

July 2019 - October 2021

- Rescued two active drowning victims
- Maintained Lifeguard, AED, CPR and First Aid certifications

Research / Data Projects

Analyzing U.S. Occupation of Afghanistan

RESEARCHER, DATA ANALYST

[La Jolla, CA](#)

Oct 2021 - Present

- Found that U.S. intervention had no significant effect on Afghan development outcomes
- Utilized synthetic control methodology to construct counterfactual observations of Afghan infant mortality rates and HDI
- Utilized data from World Bank API, CNTS Data Archive, U.N. Millennium Indicators, UCDP/PRIO Armed Conflict Dataset

lichess.org Dashboard

SHINY DEVELOPER

- Developed Shiny web app which creates actionable insights based on user chess game data
- Integrates lichess API for data collection

Predicting Recidivism

DATA ANALYST

[POLI 175 Machine Learning](#)

- Built Lasso, Ridge and Logistic regression machine learning models to predict recidivism based on past criminal history
- Correctly predicted future criminal activity with 68% accuracy

Extracurricular Activity

World Cube Association

RUBIK'S CUBE COMPETITION ORGANIZER, COMPETITOR

- Organized competitions for the World Cube Association
- Achieved 11th in the world ranking for Rubik's Cube Blindfolded
- Started a YouTube channel to teach advanced techniques for solving Rubik's cubes blindfolded (120,000+ video views)

UCSD Triathlon

VICE PRESIDENT, MEMBER

[San Diego, CA](#)

September 2018 - May 2020

- Assisted in planning and hosting Tritonman Triathlon earning over \$30,000 in revenue
- Organized team practices, trips, and allocated team budget

Skills

PROGRAMMING LANGUAGES / SOFTWARE

- R (Tidyverse, Shiny), Python / Jupyter Notebooks, Excel, Github