Ryan Longmuir

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Education

University of California, Los Angeles — Los Angeles California
Master of Arts, Economics — September 2022 - December 2022
Doctorate of Philosophy, Economics — September 2022 - Present

University of California, Santa Barbara — Santa Barbara, California
Bachelor of Arts, Economics — September 2017 - June 2019

Professional Experience

Board of Governors of the Federal Reserve System — Washington, District of Columbia
Senior Research Assistant, Capital Markets Section — October 2019 - July 2022

- Authored memos on bond issuance and credit quality for the Federal Open Market Committee.
- Led the adoption of Bloomberg default risk and corporate debt databases in Capital Markets.
- Manipulated and visualized data for presentations delivered to Chair Powel and Vice Chair Clarida.
- Conducted research with Gustavo Suarez investigating the effect of competition on monetary policy transmission.

Research Experience

University of California, Los Angeles — Los Angeles, California
Graduate Student Researcher under Professor Felipe Goncalves — September 2023 - June 2024

- Cleaned and harmonized 911 calls and police reports collected from over 300 cities in the U.S.
- Produced metrics and figures to assess data quality; presented my analysis weekly.
- Automated a data preparation process to save research assistants from copy and pasting text from thousands of files.

University of California, Los Angeles — Los Angeles, California
Graduate Student Researcher under Professor Adriana Lleras Muney — September 2023 - June 2024

- Contributed to a "Revise and Resubmit" from a top five economics journal.
- Proofread 2,000+ lines of code and produced figures to support a revised narrative.
- Reviewed paper drafts and referee reports to ensure accuracy and clarity for submission.

Awards

First Place, Division of Information Technology Big Data Hackathon — May 2021

- Crafted a data-driven narrative concerning the COVID-19 pandemic and vaccine hesitancy in the United States using NLP topic modeling and sentiment analysis

UCSB Economics Departmental Achievement Award — June 2019

- Awarded for contributions made to undergraduate affairs as a student organizer.

Technical skills

Programming Languages/Tools   R, Python, STATA, SAS, SQL, LaTeX, Unix, Git