David Yu

david.yu@ucla.edu • daviddyu.com

Education

• University of California, Los Angeles (UCLA) B.S. Mathematics/Economics, *summa cum laude* Specialization in Computing 2018 - 2022

Experience

• Research Assistant

August 2022 – Present

Federal Reserve Board

Trade and Financial Studies, Division of International Finance

- Contributed to research in monetary economics, international trade, and macroeconomics.
- Developed skills in web scraping, textual analysis, and local projections.

• Research Assistant

April 2022 – June 2022

Rosa Matzkin Charles E. Davidson Distinguished Professor of Economics, UCLA

- Studied solutions of functional equations via PDEs in support of research on nonparametric estimation.

• Economic Intern

June 2021 – December 2021

Federal Reserve Board Dario Caldara Anna Lipinska Division of International Finance Chief Economist, Trade and Financial Studies Principal Economist, Advanced Foreign Economies

- Studied exchange rate crises in emerging markets. Collaborated closely on all research aspects.
- Tasks included data analysis (e.g. fixed effects, linear probability), literature review, and narrative work.

• Research Assistant

Martha Bailey

January 2021 – June 2021 Professor of Economics, UCLA

- Produced new estimates of the gender wage gap at the time of the Equal Pay Act, using BLS wage data.

- Coded Stata do-files to harmonize separate data sets from the Bureau of Labor Statistics (BLS).

• Research Assistant

June 2020 – December 2020

Michela Giorcelli Assistant Professor of Economics, UCLA

_ _ _ _ _

- Constructed new data sets, communicating with hundreds of universities and their archive departments.

Writing

Assessing the Extent of Trade Fragmentation (FEDS Note)

November 2023

Joint with Justin Pierce

Evaluating Head Start: The Marginal Value of Public Funds (honors thesis)

March 2022

Supervised by Martha Bailey

Awards and Honors

Outstanding Mathematics/Economics Student Award UCLA Undergraduate Economics Research Fellowship National Merit Scholar

June 2022

January 2021

May 2018

Presentations

UCLA Undergraduate Research Week Undergraduate Economics Research Fellows Symposium May 2021

May 2021

Skills

Primary: Stata, Python, R, LATEX Secondary: C++, Matlab, HTML/CSS