

David Yu

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Education

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

- **Research Assistant** August 2022 – Present
Federal Reserve Board *Trade and Financial Studies, Division of International Finance*
 - Produced and analyzed large quantities of newspaper data, using textual analytics.
 - Supported economists in preparing policy work for the Board.
 - **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 *Division of International Finance*
Dario Caldara *Chief Economist, Trade and Financial Studies*
Anna Lipinska *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** January 2021 – June 2021
Martha Bailey *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.
 - **Research Assistant** March 2019 – December 2020
Zhihao Xu *Ph.D candidate, UCLA*
 - Coded a program to compute thousands of least squares solutions, using C++.
 - Created informative maps and videos using ArcGIS to display data.
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Awards and Honors

Outstanding Mathematics/Economics Student Award	June 2022
UCLA Undergraduate Economics Research Fellowship	January 2021
Nelson F. Peterson Scholarship (Genentech, a member of the Roche Group)	May 2018
National Merit Scholar	May 2018

Projects

Honors Thesis (supervised by Martha Bailey)	August 2021 – March 2022
UCLA Undergraduate Research Week	May 2021
Undergraduate Economics Research Fellows Symposium	May 2021

Skills

Primary: Stata, Python, R, \LaTeX
Secondary: C++, ArcGIS Products, Matlab