

# 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*
    - 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* *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

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## Projects

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

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## Skills

**Primary:** Stata, Python, R,  $\LaTeX$   
**Secondary:** C++, Matlab, HTML/CSS