David Yu

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Citizenship: U.S.
Updated: June 2022

Education

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

Experience

- **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.

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, LaTeX, Python
Secondary: C++, ArcGIS Products