

Victor Yifan Ye

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EXPERIENCE

- **Opendoor Technologies**
Senior Research Scientist, Portfolio Construction, Mar 2022 -
- **Stanford University**
Digital Fellow, HAI Digital Economy Lab, Mar 2022 -

EDUCATION

- **Boston University**
Ph.D. Economics, Feb 2022
- **Duke University**
M.S. Statistical and Economic Modelling (MSEM), May 2017
A.B. Philosophy, B.S. Economics, Minor in Mathematics, May 2015

PUBLICATIONS

- **How Much Lifetime Social Security Benefits Are Americans Leaving on the Table?** *Tax Policy and the Economy*, forthcoming (with David Altig and Laurence Kotlikoff)
- **Did The 2017 Tax Reform Discriminate Against Blue State Voters?** *National Tax Journal*, 2020 73:4 (with David Altig, Alan Auerbach, Patrick Higgins, Darryl Koehler, Laurence Kotlikoff, and Ellyn Terry)
- **Macroeconomic Effects of Reducing OASI Benefits: A Comparison of Seven Overlapping-Generations Models** *National Tax Journal*, 2019 72:4 (Discussing Author)
- **The Z-axis: Elevation Gradient Effects in Urban America** *Regional Science and Urban Economics*, 2018 70:C (with Charles M. Becker)
- **The (Literally) Steepest Slope: Spatial, Temporal, and Elevation Variance Gradients in Urban Spatial Modelling** *Journal of Economic Geography*, 2017 18:2 (with Charles M. Becker)
- **The Index of Asia-Pacific Regional Integration Effort** *East Asian Economic Review*, 2016 20:2 (with Mia Mikic)
- **Taxes and the Tertiary and Quaternary Burdens of a Transfer: How Taxes and Real Wage Inflexibility Make Trade Deficits Addictive** *Singapore Economic Review*, 2017 62:1 (with Edward Tower)

WORKING PAPERS

- **Simulating Endogenous Global Automation** *NBER Working Paper*, 2021 (with Seth G. Benzell, Laurence J. Kotlikoff, and Guillermo Lagarda)
- **Could a UBI Solve Automation's Inequality Problem?**, forthcoming (with Seth G. Benzell, Laurence J. Kotlikoff, and Guillermo Lagarda)
- **Estimating Public Assistance Program Participation**, 2022 (with Elias Ilin and Alvaro Sanchez)
- **Moving Mountains: Geography, Neighborhood Sorting, and Spatial Income Segregation** *SSRN Working Paper*, 2021 (with Charles M. Becker)

- **Simulating U.S. Business Cash Flow Taxation** *NBER Working Paper*, 2017 (with Seth G. Benzell, Laurence J. Kotlikoff, and Guillermo Lagarda)
- **Marginal Net Taxation of Americans' Labor Supply** *NBER Working Paper*, 2020 (with David Altig, Alan Auerbach, Laurence J. Kotlikoff, and Elias Ilin)

PRIOR WORK AND TEACHING EXPERIENCE

- **Stanford University**
 - Graduate Research Affiliate, HAI Digital Economy Lab, Mar 2021- Feb 2022
- **Federal Reserve Bank of Atlanta**
 - Research Intern, Economic Research Division, May 2018 - Aug 2019
- **Duke University**
 - Instructor (Urban and Real Estate Economics), Dept. of Economics, Aug 2016 - May 2017
 - Research Assistant (for Dr. Patrick Bayer), Dept. of Economics, May 2016 – Aug 2017
 - Teaching Assistant (Computable General Equilibrium Modeling), Jan - May 2016
- **United Nations ESCAP**
 - Research Intern, Trade Policy Analysis Division, Jun - Aug 2015
- **Hong Kong Monetary Authority**
 - Research Intern, Economic Research Division, Jun - Aug 2013

SELECT PRESENTATIONS

- **Public Finance**
 - 115th National Tax Association Annual Conference on Taxation (Nov 2022)
 - 37th NBER Tax Policy and the Economy Conference (Sep 2022)
 - 113rd National Tax Association Annual Conference on Taxation (Nov 2020)
- **Macroeconomics**
 - Stanford DEL Spring Workshop: Avoiding the Turing Trap (Apr 2022)
 - 49th National Tax Association Annual Spring Symposium (May 2019)
 - Congressional Budget Office Overlapping Generations Model Symposium (Dec 2018)
 - New Initiative for Computational Economics (nICE) Workshop, Hoover Institute (Jul 2018)
- **Urban and Regional Economics**
 - 9th Meeting of the European Urban Economics Association (May 2019)
 - 13th Meeting of the Urban Economics Association (Oct 2018)
 - 8th Meeting of the European Urban Economics Association (May 2018)
 - 12th Meeting of the Urban Economics Association (Oct 2017)
 - 7th Meeting of the European Urban Economics Association (May 2017)

REFeree SERVICES

- **Public Finance** – National Tax Journal
- **Urban Economics** – Journal of Urban Economics, Journal of Economic Geography, Regional Science and Urban Economics, Journal of Regional Science, Regional Studies

SKILLS

- **Programming** – Professional development experience in R, MATLAB, Python, SQL, and Fortran; proficiency in STATA, Julia, C++, and PHP
- **Statistics and Computation** – Machine learning, numerical optimization methods, Bayesian statistics; extensive experience in statistical computing and structural modeling
- **Languages** – Native/bilingual in Mandarin and English; basic knowledge of Cantonese and Japanese