Christine CAI

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Applied microeconomist specialized in causal inference methods using observational and experimental data
Looking for an economist/analyst/data scientist position in the tech sector, starting Jan./Feb. 2023

EDUCATION

Princeton University, Princeton, NJ
Ph.D., Economics, co-advised by Prof. Leah BOUSTAN & Prof. Ilyana KUZIEMKO   (expected) 2023
M.A., Economics   2020

University of Pennsylvania, Wharton School, Philadelphia, PA
Visiting Ph.D. Student, IvyPlus Exchange Scholar Program, sponsored by Prof. Corinne LOW   2022-2023

Sciences Po, Paris, France
M.A, Economics, *Summa Cum Laude* (ranked 1st)   2015
- *Recipient of the Best Master Thesis in Economics award, thesis advised by Prof. Quoc-Anh DO.*
B.A., Economics, *Cum Laude* (top 10% in academic year 2011-2012)   2013

University of Texas at Austin, Austin, TX
Undergraduate Exchange Student, major in Economics   2012-2013
Dean's Honor List, Cum Laude Ampla et Magna (Spring 2013) & *University Honors* (Fall 2012 & Spring 2013)

RELEVANT WORK EXPERIENCE

Amazon.com, Alexa Economics & Measurement, remote (based in Philadelphia, PA)
Economist Intern, supervised by Mingyu CHEN (3 months)   Summer 2022
- *Extracted data using SQL; adjusted a Double Machine Learning model in Python; implemented various matching methods combined with event studies and difference-in-differences in Stata to validate and expand the Alexa High-Value-Action model.*

Princeton University, Department of Economics, Princeton, NJ
Teaching Assistant in Economics (4 semesters)   2020-2022
- *Recipient of the Graduate Student Teaching Award for teaching Econometric Applications.*   *Spring 2021*
- *Taught online and in-person Econometric Applications and Introduction to Microeconomics; co-advised a total of 18 undergraduate students majoring in economics on their Junior Independent Work.*
Research Assistant for Prof. Leah BOUSTAN (3 months)   Summer 2019
- *Geocoded the historical location of churches using ArcGIS; translated Python cleaning and analysis code into Stata code.*

University of Chicago, Booth School of Business, Chicago, IL
Research Assistant for Prof. Rebecca DIZON-ROSS (25 months)   2016-2018
- *Wrote Stata code for the behind-the-scenes running of a randomized field experiment; cleaned and analyzed experimental data; performed literature reviews; helped with the preparation of presentation slides and paper (re)submissions.*

Sciences Po, Department of Economics, Paris, France
Research Assistant for Prof. Ruben DURANTE (12 months)   Summer 2012 & 2015-2016
- *Collected, cleaned, and analyzed data in Stata; performed literature reviews; helped with referee reports and paper revisions.*
Research Assistant for Prof. Quoc-Anh DO and Prof. Élise HUILLERY (2 months)   Summer 2015
- *Hand-collected historical data on French West Africa's colonial administrators from official journals at the French Archives.*

OECD, Directorate for Education and Skills, Paris, France
Intern, supervised by Yuri BELFALI and Marco KOOLS (3 months)   Summer 2014
- *Drafted several background papers and summary notes, which either serve as inputs or are included in the OECD education policy reviews; provided inputs for the analysis of education policies by collecting and analyzing information and data.*

RESEARCH PROJECTS

White Flight from Asian Immigration: Evidence from California Schools (with Leah BOUSTAN & Tammy TSENG) revise & resubmit
- *Implemented a shift-share IV approach to study the "white flight" from Asian students in Californian public school districts.*

Tightening Immigration Policy: Unintended Consequences on Hispanic U.S. Citizens' Health Behavior and Status   under revision
- *Used a triple-difference framework to evaluate the indirect effects of an immigration enforcement policy on Hispanics in the U.S..*

Alumni Networks and Labor-Market Outcomes   in progress

LANGUAGES & PROGRAMMING SKILLS

Languages: French (native), Chinese dialect of Wenzhou (native), English (fluent), Spanish (advanced), Mandarin Chinese (intermediate)
Programming/software: Stata, Python, R, SQL, ETL, LaTeX, Microsoft Office