

# 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, from Feb. 2023 onwards

## 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 1<sup>st</sup>) 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, L<sup>A</sup>T<sub>E</sub>X, Microsoft Office