

Christine CAI

christine.cai@princeton.edu • +1 (312) 834-1881 • <https://christinecai.github.io>

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

- Evaluated the indirect effects of the county-level staggered rollout of a migration policy within an event-study diff-in-diff framework.

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: L^AT_EX, Microsoft Office, Stata, Python, R, SQL