

Wenqiang (Robin) Cai

2120 Arden Creek Way, Apt 5308 – Charlottesville, Virginia – 22901

☎ +1 (847) 807 9045 • ✉ wc4ue@virginia.edu

EDUCATION

University of Virginia

Ph.D Candidate in Economics, GPA: 3.5/4.0

Graduate Fellowship

Research Interest: Public Economics, Labor Economics, Applied Microeconomics

Charlottesville, VA

Expected May 2019

University of Virginia

Master of Arts in Economics, GPA: 3.45/4.0

Graduate Fellowship

Charlottesville, VA

December 2014

Lake Forest College

Bachelor of Arts in Finance and Mathematics, GPA: 3.92/4.0

Summa Cum Laude, Phi Beta Kappa, Honors in Finance

Lake Forest, IL

May 2013

RESEARCH EXPERIENCE

University of Virginia

Graduate Researcher

Conduct independent research on my own research topics.

- Investigate channels tax filers used to manipulate their adjusted gross income to in response to saver's credit, a federal non-refundable tax credit using IRS tax return data from 2001 to 2011. All analysis are conducted on a remote Unix high-performance cluster. Concepts and methods: *Density Estimation, Counterfactual Analysis, Repeated Cross Sectional Regression, Difference-in-Difference Model, Time Fixed Effect, Programming in STATA*
- Develop a theoretical economic model to analyse the behavior response of 401(k) pension participants for change in investment menu. This model will be estimated using a proprietary dataset that contains demographics and defined contribution pension account information over 16,000 faulty at University of Virginia from 2001 to present. Concepts and methods: *Asset Allocation, Define Contribution Pension Participation decision, Cognitive Cost, Behavioral Economics Framework, Panel Regression, Individual and Time Fixed Effect*
- Compute average rent for different housing characteristics under different income specifications using American Community Survey in Python with pandas package and a multi-threading computing design.

Graduate Research Assistant

Summer 2016

Conducted research with help from faculty members at University of Virginia.

- Assisted in developing new research ideas on mutual fund market by collecting information for more than 4,000 mutual funds/ETFs, including hisotircal fund performance and fee structure of each fund, and presenting the data using infographics.
- Investigated how pension providers compete with each other in terms of number of funds offered
- Estimated labor market effect of non-cognitive traits using the National Longitudinal Survery'79 in STATA
- Analyzed labor market effect of breastfeeding using the Cebu Longitudinal Health and Nutrition Survey in STATA

TEACHING EXPERIENCE

University of Virginia

Graduate Teaching Assistant

Lead various undergraduate discussion sessions in economics.

- Utilize a variety of teaching methods including lectures, media, and group discussions
- Develop, administer and correct more than 80 copies of tests and quizzes in two days
- Work with students on individual and small group basis (less than 3 students per group) to reinforce learning concepts, help complete assignments, and improve performance

Charlottesville, VA

2013–Present

PUBLICATION

Elise M Beckman, Wenqiang Cai, Rebecca M Esrock, and Robert J Lemke. Explaining game-to-game ticket sales for major league baseball games over time. *Journal of Sports Economics*, 13(5):536–553, 2012.

SKILLS

Computer: Python, STATA, MS Office, R, SAS, Mathematica, Matlab, HTML, \LaTeX

Finance: Chartered Financial Analyst Level 1

Languages: Chinese (native), English (high fluency)