

# WILLIAM (WEI) ZHU

[wzhu4@outlook.com](mailto:wzhu4@outlook.com) | Chicago, IL | 610-517-3106 | [william-zhu-3541.github.io](https://william-zhu-3541.github.io)

## Education

---

### The University of Chicago (Chicago, IL)

*MA Computational Social Science, GPA: ~4.0, June 2022 (Expected)*

Current Courses: Competitive Strategy (Booth), Perspectives on Computational Analysis, Machine Learning

### Haverford College (Haverford, PA)

*BA Sociology, Minor in Statistics, GPA: 3.73/4.0, GRE: V:165 Q:167 W:5.0, May 2019*

Relevant Courses: Financial and Managerial Accounting (4.0), Applied Multivariate Statistical Analysis (4.0), Linear Algebra (3.7), Probability (3.7), Qualitative Methods (4.0)

## Work Experience

---

### Westat (Rockville, MD)

*Research Assistant (Full-time), July 2019 – June 2020*

- Received “Exceptional” (highest rating) at yearly performance review in all 8 education evaluation projects by performing tasks including data analyses (in R and Excel), literature review, interviews, and report writings.
- [Improving the Use of Research Evidence](#) [funded by William T. Grant Foundation (\$595,785)]
  - Saved project budget by \$30K by compiling datasets ahead of schedule from the National Center for Education Evaluation (NCEE) restricted-access database using R (tidyverse).
  - Performed data imputation using regression tree and hot-deck imputation. Built LASSO models to predict the effectiveness of school intervention programs on other schools (Project put on hold during covid).
- [Verizon Innovation Learning Schools \(vils\) Evaluation](#) [client: Verizon]
  - Contributed to the finding that tablets increase student engagement in classroom by 54% by performing data analyses and visualization of 200+ schools’ survey data using R and Excel.
- [Racial Equity Action Leadership \(REAL\) Program Evaluation](#) [client: Leadership Montgomery]
  - Performed participant observations at a series of monthly workshops where 30+ corporate leaders at Montgomery County (MD) learn and discuss methods to improve racial equity in organizations.
  - Found that the workshop program is effective at providing participants toolkits to address racial equity problems in organizations by organizing 2 focus groups and administering 10 surveys. Co-authored in the final evaluation report that was presented to the client.

## Academic & Volunteering Experience

---

### Haverford College (Haverford, PA)

*Undergraduate Researcher, Senior Thesis (Advisor: Mark Gould), July 2018 – May 2019*

- Received 4.0 (highest grade) by conducting a year-long research project on the impact of Taiwan’s semi-conductor industry to democratization in the 1980s (literature review). Authored a 21,000+ word research paper.

*Undergraduate Researcher & Conference Presenter, January 2017 – May 2017*

- Authored a research paper titled “The Skew of Pathways: The Structural Explanation for the Asian American Academic Achievements”.
- Presented the paper at American Sociological Association (ASA) Annual Meeting in New York City (August 2019).

*International Student Resource Persons (ISRP), 2016-2017 & 2018-2019 academic years*

- Honoree for the Class of 2019 Service to Diversity Reception; Organized 10+ workshops and Philly field trips for 120 incoming international students (Class of 2020 and 2022) from 35 different countries around the world.

## Skills & Interests

---

**Relevant Skills:** R, Python, SQL, Latex, HTML/CSS, Microsoft Office Suite (Excel, PowerPoint, Word)

**Interests:** Reading books about organizations, strategy, and innovation (finished 50+ business books in 2020)

**Languages:** English (Fluent); Mandarin Chinese (Native)