

Winston Chou

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## EMPLOYMENT

### **Apple**

Staff Data Scientist  
Senior Data Scientist

**New York, NY**  
9/2021 –  
4/2020 – 9/2021

### **Facebook**

Research Scientist  
Data Scientist

**Menlo Park, CA · New York, NY**  
9/2019 – 4/2020  
12/2018 – 9/2019

## EDUCATION

### **Princeton University**

PhD, Political Science

**Princeton, NJ**  
2019

## EXPERIENCE

### **Apple, AI/ML Data Science**

- Founding data scientist on Siri's A/B testing platform
- Wrote Python and PySpark software for experiment analysis and visualization
- Led small engineering team to design and build Siri's A/B visualization portal

### **Facebook, Statistics and Privacy R&D**

- Drove statistical solutions to missing data in advertising measurement from R&D to launch
- Partnered with global engineering team to implement statistical models in production

## SKILLS

- *Causal inference.* A/B testing, experimentation platforms, observational causal inference
- *Statistical modeling.* Regression, hierarchical models, Bayesian statistics, maximum likelihood estimation, missing data, variance reduction, data visualization
- *Teamwork and communication.* Cross-functional collaboration, communication, teaching
- *Programming and software.* Python, PySpark, R, SQL, Stan, git, Unix, Airflow

## SELECTED RESEARCH

1. "Randomized controlled trials without data retention." 2021. *MIT Conference on Digital Experimentation (CODE@MIT)*.
2. "Sensitive survey questions with auxiliary information," with K. Imai and B. Rosenfeld. 2020. *Sociological Methods & Research* 49(2): 418–454.
3. "List experiments with measurement error," with G. Blair and K. Imai. 2019. *Political Analysis* 27(4): 455–480.
4. "list: Statistical methods for the item count technique and list experiment," with G. Blair and K. Imai. *Comprehensive R Archive Network*.