Winston Chou

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EMPLOYMENT

Apple   **New York, NY**
Staff Data Scientist   9/2021 –
Senior Data Scientist   4/2020 – 9/2021

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

EDUCATION

Princeton University   **Princeton, NJ**
PhD, Political Science   2019

EXPERIENCE

Apple, AI/ML Data Science

- Founding data scientist on Siri's A/B testing platform

- Wrote Python and PySpark software used to analyze all A/B tests on Siri Assistant

- 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 distributed 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. *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.*