

HAYDEN SCHRAUFF

(+1)972-835-1203 \diamond hschrauff@hbs.edu \diamond www.linkedin.com/in/hayden-schrauff

EDUCATION

The University of Texas at Austin
Bachelor of Arts in Economics
Certificate in Applied Statistical Modeling

2019 - 2022
CGPA: 4.0

Harvard Univeristy
Non-degree seeking student

2023 - Present
CGPA: 4.0

WORK EXPERIENCE

Predoctoral Fellow, Harvard Business School

D³ Platform Lab

July 2024 - Present

Principal Investigator: Chiara Farronato

- Constructed a dataset of ordinances related to short-term rentals for over 300 of the largest cities in the US.
- Built a dataset of state, county, city, and district lodging taxes for 150 of the largest urban are as in the US from 2012 to 2022.
- Maintained a DuckDB database of over 6 million AirBnB properties and 195 million listings from 2014 to 2024.
- Streamlined project workflow by constructing a DuckDB database tracking Amazon searches, product page visits, checkout pages, and purchases for over 1,000 experiment participants and parsed data for over 6 million products listed on Amazon.

Predoctoral Fellow, Harvard Business School

Principal Investigator: Alex MacKay

May 2023 - July 2024

- Constructed a database including over \$30 billion in spending for over 3 million customers and 718 million transactions from 2019 to 2024 for large US retailers, as well as correlations of online spending across the retailers.
- Compiled data for over 29 million transactions recording price, quantity, sales, and margin across three experimental groups with staggered treatment dates.
- Prepared data summaries and plots to track the impact of the algorithm pricing strategies on prices and margins.

RELEVANT COURSEWORK

Real Analysis, Measure Theory, Ordinary Differential Equations, Calculus I-III, Linear Algebra, Probability, Statistical Inference, Game Theory, Industrial Organization, Causal Inference, Microeconomics, and Macroeconomics

SKILLS AND LANGUAGES

Software: R (Proficient), Stata (Intermediate), Python (Intermediate), L^AT_EX (Proficient), DuckDB (Proficient)

Languages: English (Native), Spanish (Intermediate)