Sharon Hui

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EDUCATION

University of California, Berkeley
- Masters of Arts (M.A.) in Statistics – GPA: 4.0   Expected May 2022
- Bachelor of Arts (B.A.) in Economics and Statistics (double major) – GPA: 3.94   Graduated May 2021
- Completed coursework in Financial Economics, Modern Statistical Prediction and Machine Learning, Econometric Analysis, Time Series, Real Analysis, The Design and Analysis of Experiments
- Roy Christie Scholar (Awarded to the top .1% in the fall semester of Fall 2020)

WORK EXPERIENCE

UC Berkeley Statistics Department
Teaching Assistant: Stat 133 (Concepts in Computing with Data), 135 (Concepts of Statistics)   September 2019 – Present
- Create weekly course content, hold over 200 hours of office hours, facilitate exams, and answer over 100 questions on class online forums to teach students statistical and data analysis concepts
- Lecture statistical and coding concepts twice a week to over 50 students in lab sections per semester
- Develop new content and modified course design for Berkeley's Semester in the Cloud program to provide an enhanced remote learning experience

Upsolver
Marketing Data Analyst Intern   May 2021 – August 2021
- Wrote Python and R script to set up Google Analytics API, extract individual session data, and access report data
- Ran statistical analyses on advertising and marketing campaign performance data and evaluated its effects on targeted traffic, bounce rate, average time on site, and conversion rate
- Integrated Google Analytics and HubSpot data to better track individual web pages and website performance

Delve Risk
Associate Analyst   May 2020 – August 2020
- Researched F1000 company earnings, market trends, and other dynamic data to identify key C-suite executives in cyber security companies using data visualization tools such as Tableau
- Led competitive analysis of key data points using open-source intelligence to create a model for streamlined client acquisition and understand the impact of their decision-making process

ACTIVITIES AND PROJECTS

UC Berkeley Economics Department
Economics Research Assistant   January 2020 – August 2020
- What Do We Learn From Reading Every FOMC Transcript?: Classified and analyzed Federal Open Market Committee meetings over 30 years to understand how the Federal Reserve makes monetary policy decisions and relevant economic factors.
- Magnitude and Precision vs. Sign and Significance: Examined and analyzed the prevalence of numerical measures of precision and magnitude in headline results and paper abstracts in financial economics and economic development by conducting hypothesis tests.

Design for Equity Lab
Student Researcher   January 2018 – May 2019
- Initiated thematic coding of classroom observations and analyzed pre- and post- scores to understand the effects of equity-oriented pedagogy on student achievement, psychosocial outcomes, and growth mindsets
- Identified effective methods in the classroom based on themes in observations, student feedback, and descriptive and quantitative statistics by analyzing gathered data and conducting A/B testing.
- Examined strategies on how we can improve academic learning outcomes for students in Ghanaian public schools by modifying microfinance contracts to increase parent accountability in the program

SKILLS

- **Technical:** R, Python, Bash, GitHub, Google Analytics, Stata, Tableau, Salesforce, SQL, HTML, CSS
- **Languages:** English (Native); Mandarin/Cantonese Chinese (Intermediate)