

SHREYA CHOWDHURY

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EDUCATION

University of California, Berkeley

Aug 2018 – Jan 2021

B.A. Data Science, Economics, 3.6/4.0

Coursework: Foundations of Data Science (DS), Data Structures, Inference & Decision Theory, Probability & Mathematical Statistics in DS, Econometrics, Macro & Micro Economics, Psychology and Economics

RELEVANT EXPERIENCE



Shopify Inc.

Aug 2022 – Present

Data Scientist

San Francisco, CA

- Leverages retail data to analyze merchant behavior across multiple countries, providing valuable insights to improve merchant experience and support data-driven decision-making.
- Collaborates closely with product partners throughout feature launches and redesigns, building monitoring dashboards to track performance and measure success.
- Analyzes the causal relationship between app usage and merchant success, and builds models to quantify the impact of app features on business scalability.

Intern Data Scientist

Jan 2022 – Aug 2022

- Conducted experiments and AB testing on app store features, resulting in improved user experience and increased engagement.
- Cleaned, modeled, and analyzed diverse data sources, ensuring quality and accuracy for use in data-driven decision-making.
- Designed and implemented metrics in Beaker platform, enabling the automated creation of aggregated denormalized datasets and streamlining data processing.



Open Networking Foundation

Feb 2021 – Aug 2021

Data Science Intern

Menlo Park, CA

- Evaluated crash metrics, key performance indicators (KPIs), and resource/status metrics of Aether, a 5G Connected Edge platform for enterprise digital transformation, and built an interactive dashboard using EngageLively to display analyses.
- Trained data using ML techniques and assisted in building models to predict real-time or near-future performance degradation.
- Collaborated with stakeholders at all levels, including c-suite executives and senior leadership, to provide valuable insights and influence important decisions through data-driven analysis.



UC Berkeley Department of Economics

Jan 2021 – May 2021

Research Assistant

Berkeley, CA

- Assisted in researching whether multinational enterprises (MNEs) play a special role in transmitting international monetary shocks.
- Conducted data analysis and natural language processing using Python and Stata.

ADDITIONAL EXPERIENCE

Private Tutor

Aug 2017 – Present

- Intermittently instructs high school students on a wide range of subjects including Python, Math, English, Science and Social Studies, and Standardized Test Prep.
- Contracted tutor for preschool and kindergarten-age children with speech impediments. Therapeutic plans included articulation therapies, auditory language comprehension activities, vocabulary, and writing activities.

DATA TOOLS

Python, Java, Google Analytics, SQL, Tableau, Mode Analytics, Causal Inference, Jupyter Notebooks, BigQuery, DBT, Sheets, Data Visualization & Storytelling, Hypothesis Testing, E-commerce