Steven Ellis

Experience

- I was a data scientist at the White House [United States Digital Service] (January 2023 - June 2023). I supported the White House Working Group on Puerto Rico. We produced the first definitive analysis of federal funding for Puerto Rico and identified critical gaps in reporting compliance. I retain my Top-Secret clearance.

- I was the first data scientist, at Brick [now 'GoBuild'] (July 2020 - June 2021). I developed the company's product, an AI tool which used computer vision to estimate the effect of home renovations on resale value. We successfully raised a seed round based on this product. I left to travel.

- I was the first data scientist at Divvy Homes (September 2018 - June 2020). I built and deployed AI home pricing and credit tools. These online, machine-learning based products contributed to a successful series B fundraise. My team also compiled the first company-wide analytics dashboard for investors. I hired and managed two data scientists. I left to join Brick.

- I was the sixth data scientist at Uber (May 2014 - December 2016). I quantified the value of business partnerships via causal inference methods and resolved hazardous flaws in Uber's feature rollout infrastructure. I served as the primary company-wide experiment and feature roll-out expert. I left to take time off.

- I was a quantitative user experience researcher at Google (April 2011 - April 2014). While there, I guided pricing and product strategy via discrete-choice methods. I also identified surrogate geographic research regions via exact-test statistics and designed production experiments. I left to join Uber.

Expertise

- R&D: SQL, NoSQL, R, Python, Git, Heroku, statistics, machine learning.
- Business process: Reporting, roadmapping, Agile, budgeting, data acquisition.
- Team-building: Hiring data scientists, non-technical stakeholder management.

Education

- Brown University 2011, Applied Psychology, Magna Cum Laude.
- University of Southern California 2006-2008, Film Production, Transferred.