

Steven Ellis

www.steven.ae

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. I produced the first comprehensive 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 was the first data scientist at Divvy Homes (September 2018 – June 2020). I built and deployed AI home pricing and credit tools. These on-line, machine learning-based products contributed to a successful series B fundraiser. My team also compiled the first company-wide analytics dashboard for investors. I hired and managed two data scientists.
- 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 roll-out infrastructure. I served as the primary company-wide experiment and feature roll-out expert.
- 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.

Expertise

- Development: SQL, NoSQL, R, Python, Git, Heroku.
- Methods: Statistics (non-parametric), machine learning (XGBoost), AI (TensorFlow).
- Business process: Reporting, roadmapping, Agile, budgeting, data acquisition.
- Team-building: Hiring data scientists, non-technical stakeholder management.

Education

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

Contact

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