

## Steven Ellis

I am a data scientist and machine learning engineer with several years of experience across startups, corporations, and the federal government. I am proficient in Python, R, and SQL.

### Experience

Data Scientist @ United States Digital Service ..... 1/2023 – 6/2023

- Used USASpending.org, R, and Python to produce federal government's first analysis of funding for Puerto Rico.

Data Scientist @ GoBuild ..... 7/2020 – 6/2021

- First data scientist, developed company's sole product, contributed to successful YCombinator application, demo, and funding round.
- Used R to build XGBoost model of home renovation impact on resale value.

Head of Data Science @ Divvy Homes.....9/2018 – 6/2020

- First data scientist, hired and managed two employees.
- Used R to develop XGBoost models of home pricing and consumer credit from scratch.
- Used R, Python, NLP, and unsupervised learning techniques to assess customer income for underwriting.
- Developed and deployed ML services from scratch on AWS.

Data Scientist @ Uber Technologies ..... 5/2014 – 12/2016

- Used Random Forest to quantify business partnership value.
- Maintained mobile experimentation infrastructure.
- Introduced causal inference techniques to marketplace experimentation.

Quantitative UX Researcher @ Google.....4/2011 – 4/2014

- Used conjoint analysis and high-dimensional matching in R to guide Google Fiber rollout and fee structure.
- Built interactive, live dashboard in D3 to track Google Fiber rollout and guide logistics team.
- Mined advertising data to Identify sales leads for Google Identity Platform partnerships team by .
- Conducted in-person research and production A/B tests on Google SSO.

### Education

Applied Psychology @ Brown University ..... A.B. 2011