Steven Ellis

United States Digital Service . . . . Data Scientist . . . . 1/2023 – 6/2023
- Produced federal government's first comprehensive analysis of federal funding for Puerto Rico.

GoBuild . . . . Data Scientist . . . . 7/2020 – 6/2021
- Combined home pricing and computer vision models to estimate ROI of home renovation.
- Contributed to successful YCombinator application and subsequent funding round.

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

Individual Contributor
- Developed, deployed, and monitored home pricing and credit ML services.
- Implemented policies to optimize expected value in home and tenant portfolio.

Leader
- Hired and managed two data scientists, roadmapped and directed projects.
- Engaged with equity and debt investors before, during, and after successful funding round.

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

Uber API
- Quantified value of partnerships using Random Forest.

Uber Experimentation Platform
- Root-caused hazardous flaws in mobile experimentation infrastructure.
- Introduced variance reduction (CUPED) to marketplace experimentation.

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

Google Fiber
- Guided Google Fiber rollout and fee structure, leading to successful product rollout.
- Built interactive, live dashboard to track Google Fiber rollout and guide logistics team.
- Determined Google Fiber SMB pricing using Choice-Based Conjoint analysis.

Google Identity Platform
- Identified leads for Google Identity Platform partnerships team by mining advertising data.
- Directed impactful in-person research and production experiments on Single Sign-On product.

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