

Steven Ellis

Education

Brown University, Applied Psychology A.B. 2011

Experience

Executive Office of The President of the United States Data Scientist 1/2023 – 6/2023

- Tour of duty with the United States Digital Service, the White House's in-house tech team.
- Produced federal government's first comprehensive analysis of federal funding for Puerto Rico.

GoBuild Data Scientist / Second Employee 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 User Experience 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.