

## Steven Ellis

### Experience

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 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.

### Education

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