Steven Ellis

I am a data scientist and machine learning engineer with several years of experience across startups, corporations, and the federal government. I first learned to program as a child with Logo, then as a teenager with C++ and Java, settling now on Python after stints with R and Javascript.

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

- Developed, deployed, and monitored home pricing and credit ML services.

- Implemented policies to optimize expected value in home and tenant portfolio.

- 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

- Quantified value of partnerships using Random Forest.

- Root-caused hazardous flaws in mobile experimentation infrastructure.

- Introduced variance reduction (CUPED) to marketplace experimentation.

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

- 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.

- 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