STEVEN A. ELLIS

Interpersonal Skills

Project management and prioritization.
Technical communication with a variety of audiences.
Hiring, interdisciplinary consensus-building.
English (native), French (intermediate).

Technical Skills

Empirical research on choice and decision-making.
Collaborative software development and deployment.
Statistical analysis and modeling.
Production-ready work in R, Python, Git, AWS, Heroku.

Selected Experience

Brick.app - Remote ....**July 2020 - June 2021**
Data Scientist

First data scientist at seed-stage startup providing HELOC alternative.
Developed underwriting strategy, developed model of effect of renovations on resale value.
Part of successful YC funding round.

Divvy Homes - San Francisco, CA ....**September 2018 - June 2020**
Head of Data Science

First data scientist, hired two further data scientists, demonstrated transformative potential of data products.
Worked with operational leaders to integrate data products into business processes.
Deployed suite of internal and customer-facing machine learning services.
Presented and corresponded with equity and debt investors during successful fundraising rounds.

Uber - San Francisco, CA ....**May 2014 - December 2016**
Data Scientist

Founding member of Uber's experimentation platform, wrote Uber's guide to mobile experimentation, served as primary company-wide experimentation methods consultant.
Identified and resolved hazardous flaws in feature rollout infrastructure.
Applied CUPED methods to increase power of marketplace experiments.
Assessed value of partnerships via causal inference methods.

Google - Mountain View, CA ....**April 2011 - April 2014**
Quantitative User Experience Researcher

Modeled discrete choice data to guide pricing and product strategy (link).
Applied exact-test statistics to census data to identify surrogate geographic research regions (link).
Drove login experience redesign through in-person UX studies and live production experiments.
Generated leads for partnerships by data-mining usage of Google products across the internet.
Augmented quantitative research with field visits and lab studies.

Selected Conference Posters, Presentations, and Tutorials

Identifying Surrogate Geographic Research Regions with Advanced Exact Test Statistics, AMA ART Forum, 2013, Chicago, IL.
Conjoint Analysis in R...Now with Individual-Level Utilities and Survey Mockups, AMA ART Forum, 2013, Chicago, IL.
Unlocking the Potential of Conjoint Analysis/Discrete Choice Modeling and MaxDiff Scaling in Public Opinion and Survey Research, AAPOR, 2013, Boston, MA.
Introduction to R for Marketing Researchers, at AMA ART Forum and Sawtooth Software Conference, both in 2013.
Behavioral Economics and International Antidepressant Sales, Cambridge University Department of Anthropology, 2010, Cambridge, UK.

Personal Pursuits

Lifelong saber fencer; competed internationally and in NCAA Division I.
Active visual artist; made a feature-length documentary in Croatia.

Education

A.B., Brown University, Applied Psychology
Class of 2010.5, Magna Cum Laude