HARSH R. SINHA

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EDUCATION

HARVARD COLLEGE Cambridge, MA

A.B. in Statistics

May 2020

- Concentration GPA: 3.80
- Teaching Fellow (Dept. of Statistics), Research Assistant (Dr. Stéphane Verguet), Maru-a-Pula Scholar
- Relevant Coursework: Causal Inference, Machine Learning, Generalized Linear Models, Probability

WORK EXPERIENCE

META Menlo Park, CA

Data Scientist

Aug 2020 - Present

- Lead DS for the AI on "Ray-Ban Stories", Facebook's first attempt at smart glasses (Launched Sept. 2021)
- Lead DS for the AI on all Meta Wearables NDA

TRIPADVISOR Greater Boston Area

Data Science Intern (Experiences Team)

May – Aug 2019

- Boosted sort rankings of experiences associated with customer retention by using logistic regression to model a customer's likelihood of returning to book on the platform within one year of completing a particular experience
- Used Shapley Additive (SHAP) Explanations from an XGBoost Tree to identify features at the product level which led to poor conversion performance results used to rehabilitate underperforming experiences

LOGITECH San Francisco Bay Area

Data Analytics Intern (Luxury Earphones Group)

May – Aug 2018

- Optimized web traffic flow (25,000 MAU) towards "add to cart" for the launch of Logitech's UE Pro earphones using A/B experimentation
- Used Multi-armed bandit algorithms to optimize CPC, CTR, and CPA based advertising metrics across Ad Sets on Facebook's Ad Manager platform (\$20,000 monthly budget)
- Created analytics dashboards to track conversion metrics, attribution sources, and customer demographics

VOLUNTEER & RESEARCH

HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH

Boston, MA

Research Assistant (Dr. Stéphane Verguet)

Dec 2015 – May 2020

• Mathematically identified worse-off populations via age of death inequalities across 9 EU nations, Japan, & the US between 2005-2017. Publication: <u>Mathematically Identifying Worse-off Populations</u>

REFRESH BOLIVIA 501C (3)

Cochabamba, Bolivia

Director

Jan 2016 – Jan 2018

- Head of Engineering, Design, and Finance
- Fundraised > \$100,000 to construct local medical facilities
- Managed 60+ volunteers over 4 trips to construct 12 "micro-flush" bathroom units

SKILLS AND INTERESTS

Technical: HTML/CSS, JavaScript, Matplotlib, MongoDB, Node.is, NumPy, Pandas, Python, React, R, Sk-learn, SQL

Projects: Spotify Song Recommendation Algorithm

Portfolio: www.hsinha.io

Interests: AI, Brain-Computer Interfaces, Effective Altruism, Personal Finance, Stand-Up Comedy, Value Investing

Travel: Visited all 50 US states and 100 UN countries by age 24 (world record). Story: The Harvard Gazette