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: Mathematically Identifying Worse-off Populations

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.js, 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