

# HARSH R. SINHA

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## EDUCATION

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### 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

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### META

Menlo Park, CA

#### Data Scientist

August 2020 - Present

- Lead DS for the AI on all Meta wearables for the Metaverse - NDA
- Lead DS for the AI on Ray-Ban Stories, Facebook's first attempt at smart glasses (shipped to public Q3 2021)

### 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

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### 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

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**Technical:** HTML/CSS, JavaScript, MongoDB, Node.js, Pandas, Python, React, R, Sk-learn, Solidity/EVM, SQL

**Projects:** [Spotify Song Recommendation Algorithm](#)

**Portfolio:** [www.harsh.xyz](http://www.harsh.xyz)

**Interests:** Effective Altruism, GAAP Accounting, Personal Finance, Stand-Up Comedy, Value Investing, Web3 & Crypto

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