Dipto Das
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Summary

User experience researcher and data scientist with 7+ years of experience in human-computer interaction (HCI), algorithmic bias, natural language processing (NLP), and social computing. Skilled in ethical and fair AI development, machine learning (ML)/NLP pipelines, qualitative and mixed-method research, and sociotechnical impact analysis. Experienced in cross-functional collaboration with **30+ top-tier publications that have appeared at premier venues (e.g., ACM CHI, CSCW) and been mentioned in books and media (e.g., the Atlantic, Princeton University Press).**

Employment

University of Toronto — Toronto, ON, Canada
Postdoctoral Fellow, Computer Science — Aug 2024 – Present
- Research on fairness and bias in low-resource language models, ethical AI, and sociotechnical systems.
- Taught course on Computers and Society and mentored graduate and undergraduate researchers.

University of Colorado Boulder — Boulder, CO, USA
Adjunct/Assistant Teaching Professor, Information Science — Aug 2024 – Present
Graduate Research/Teaching Assistant, Information Science — Aug 2021 – Aug 2024
- Research on social, cultural, and political discourse in online communities and algorithmic systems.
- Taught courses on Introductory Programming, Statistics, Quantitative Reasoning, and User-Centered Design.

Consultancy Farm (covered under non-disclosure agreement) — USA
Expert Consultant — Aug 2024 – Jan 2025
- Provided recommendations on de-biasing AI models for low-resource contexts.

Syracuse University — Syracuse, NY, USA
Graduate Research Assistant — Aug 2019 – Aug 2021
- Research on misinformation in the US healthcare and political context.

Missouri State University — Springfield, MO, USA
Graduate Assistant — Jan 2018 – Aug 2019
- Research on machine learning-based multimodal approaches to sarcasm detection in social media.

Dhaka International University — Dhaka, Bangladesh
Lecturer — Sep 2017 – Dec 2017
- Taught courses on Algorithms, Compilers, and Computer Architecture.

Education

University of Colorado Boulder, PhD in Information Science	Aug 2024
University of Colorado Boulder, MS in Information Science	May 2023
Missouri State University, MS in Computer Science	Aug 2019
Bangladesh University of Engineering and Technology, BSEngg in Computer Science & Engineering	Sep 2017

Skills

- **Programming and Platforms:** Python, R, SQL, Gephi, Tableau, Database management, GitHub, Figma, LaTeX
- **Research Methods:** Interview, Survey, Ethnography, Thematic analysis, Prototyping, Experiment design, Natural language processing, Network analysis, Predictive machine learning, Statistics, Data visualization, Web crawling.

Selected Awards & Recognitions

- Secured **$125K+ competitive funding** from Institute for Pandemics, National Science Foundation, etc.
- **Award of Excellence** for Outstanding Research and Teaching from the University of Colorado Boulder — 2024
- **Best Paper Honorable Mention:** ACM CHI and ACM CSCW — 2025 and 2021
- **Outstanding Reviewer:** ACM CHI, ACM CSCW, ACM DIS — 2021–2025

Selected Leadership & Services

- **Associate Chair:** ACM CHI, ACM CSCW, ACM DIS
- **Program Committee:** ACM CUI, ACM EAAMO, ACM FAccT, ICTD