

# Dipto Das

U.S. permanent resident with Canadian work authorization

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<https://www.diptodas.net/>

## 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

<b>University of Toronto</b> <i>Postdoctoral Fellow, Computer Science</i>	Toronto, ON, Canada Aug 2024 – Present
<ul style="list-style-type: none"><li>• Research on bias in low-resource language models, ethical AI, and sociotechnical systems.</li><li>• Taught course on Computers and Society and mentored graduate and undergraduate researchers.</li></ul>	
<b>University of Colorado Boulder</b> <i>Adjunct/Assistant Teaching Professor, Information Science</i> <i>Graduate Research/Teaching Assistant, Information Science</i>	Boulder, CO, USA Aug 2024 – Present Aug 2021 – Aug 2024
<ul style="list-style-type: none"><li>• Research on social, cultural, and political discourse in online communities, ethical AI, and sociotechnical systems.</li><li>• Taught courses on Introductory Programming, Statistics, Quantitative Reasoning, and User-Centered Design.</li></ul>	
<b>Consultancy Farm</b> (covered under non-disclosure agreement) <i>Expert Consultant</i>	USA Aug 2024 – Jan 2025
<ul style="list-style-type: none"><li>• Provided recommendations on de-biasing AI models for low-resource contexts.</li></ul>	
<b>Syracuse University</b> <i>Graduate Research Assistant</i>	Syracuse, NY, USA Aug 2019 – Aug 2021
<ul style="list-style-type: none"><li>• Research on misinformation in the US healthcare and political context.</li></ul>	
<b>Missouri State University</b> <i>Graduate Assistant</i>	Springfield, MO, USA Jan 2018 – Aug 2019
<ul style="list-style-type: none"><li>• Research on machine learning-based multimodal approaches to sarcasm detection in social media.</li></ul>	
<b>Dhaka International University</b> <i>Lecturer</i>	Dhaka, Bangladesh Sep 2017 – Dec 2017
<ul style="list-style-type: none"><li>• Taught courses on Algorithms, Compilers, and Computer Architecture.</li></ul>	

## Education

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

## Skills

- **Programming and Platforms:** Python, R, SQL, Gephi, Tableau, Database management, GitHub, Figma,  $\text{\LaTeX}$
- **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 University of Toronto, 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

Last updated: August 20, 2025