

# 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+ research articles](#) that have appeared at premier venues (e.g., ACM CHI, ACM CSCW) and been mentioned in press and media (e.g., the Atlantic, Princeton University Press).

## Employment

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|---|---|
| <b>University of Toronto</b><br><i>Postdoctoral Fellow, Computer Science</i>  | Toronto, ON, Canada<br>Aug 2024 – Present                     |
| <ul style="list-style-type: none"><li>• Research on fairness and 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><br><i>Adjunct/Assistant Teaching Professor, Information Science</i><br><i>Graduate Research/Teaching Assistant, Information Science</i>   | Boulder, CO, USA<br>Aug 2024 – Present<br>Aug 2021 – Aug 2024 |
| <ul style="list-style-type: none"><li>• Research on social, cultural, and political discourse in textual and multimodal online communities.</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)<br><i>Expert Consultant</i>  | USA<br>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><br><i>Graduate Research Assistant, Information Science &amp; Technology</i>  | Syracuse, NY, USA<br>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><br><i>Graduate Assistant, Computer Science</i>   | Springfield, MO, USA<br>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><br><i>Lecturer, Computer Science &amp; Engineering</i>  | Dhaka, Bangladesh<br>Sep 2017 – Dec 2017                      |
| <ul style="list-style-type: none"><li>• Taught courses on Algorithms, Compilers, and Computer Architecture.</li></ul>   |   |

## Education

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|---|----------|
| <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, ~~Blender~~  $\text{\LaTeX}$
- **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 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

Last updated: August 20, 2025