

Camille Harris

PhD Candidate
Interactive Computing Department
Georgia Institute of Technology

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Education

Ph.D., Computer Science, **Georgia Institute of Technology** 2020 - Present.

Advisors: Diyi Yang and Neha Kumar

Expected Graduation: May 2025

B.A. Computer Science, **University of California, Berkeley** 2015 - 2019.

Research Interests

Fairness, Accountability and Transparency ; Social Computing ; Natural Language Processing ; Human-Computer Interaction

Awards, Grants, and Honors

Awards

- Recognition for Contribution Diversity and Inclusion, Association of Computing Machinery, Computer Supported Cooperative Work, 2023
- Best Student Paper Award, Equity Access Algorithms Mechanisms and Optimization, 2021
- Eugene L. Lawler Prize, UC Berkeley Electrical Engineering Computer Science Department, 2018

Fellowships

- Ford Foundation, Ford Pre-Doctoral Fellowship, 2020
- National GEM Consortium, GEM Fellowship, 2020

Grants

- Amazon, Amazon Consumer Robotics Grant, 2023, \$70,000
- Meta, 2022, \$120,000
- Cisco, 2021, \$175,000

Publications

Peer-Reviewed Conference Publications

5. "Honestly, I think TikTok has a Vendetta Against Black Creators": Understanding Black Content Creator Experiences on TikTok
Camille Harris, Amber Johnson, Sadie Palmer, Diyi Yang, Amy Bruckman
The 26th ACM Conference On Computer-Supported Cooperative Work and Social Computing CSCW 2023, Acceptance Rate: 32.7% **Recognition for Diversity and Inclusion**

4. *SpotLight: Visual Insight Recommendation*
Camille Harris Ryan Rossi, Sana Malik, Jane Hoffswell, Fan Du, Tak Yeon Lee, Eunyee Koh, Handong Zhao
 The ACM Web Conference WWW 2023, Acceptance Rate: 19.2%

3. *Exploring the Role of Grammar and Word Choice in Bias Toward African American English (AAE) in Hate speech Classification*
Camille Harris, Matan Halevy, Ayanna Howard, Amy Bruckman, Diyi Yang
 The Fifth Annual ACM Fairness Accountability and Transparency conference. FAcCT 2022
 Acceptance rate: Overall 36%, Data and Algorithm Evaluation Track 23%

2. *VALUE: Understanding Dialect Disparity in NLU*
 Caleb Ziems, Jiaao Chen, **Camille Harris**, Jessica Anderson, Diyi Yang
 The 60th Annual Meeting of the Association for Computational Linguistics. ACL 2022
 Acceptance rate: 20.75%

1. *Mitigating Racial Biases in Toxic Language Detection with an Equity-Based Ensemble Framework*
 Matan Halevy, **Camille Harris**, Amy Bruckman, Diyi Yang, Ayanna Howard
 ACM Conf. on Equity and Access in Algorithms, Mechanisms, and Optimization. EAAMO 2021
 Acceptance rate: 21% **Best Student Paper Award**

Under Review

2. *Mapping a Movement: Exploring a Proposed Police Training Facility in Atlanta and the Stop Cop City Movement through Online Maps*
Camille Harris, Clio Andres

1. *Material Lens on Coloniality in NLP*
 William Held, **Camille Harris**, Michael Best, Diyi Yang

Patent

Configuration of User Interface for Intuitive Selection of Insight Visualizations

Camille Harris, Zening Qu, Sana Lee, Ryan Rossi, Fan Du, Eunyee Koh, Tak Yeon Lee, Sungchul Kim, Handong Zhao, Sumit Shekhar

Patent Number: US20220244815A1, Publication Date: 2022-08-04

Experience

Graduate Research Assistant at *Georgia Institute of Technology* August 2020– Present
 Advised by Diyi Yang and Neha Kumar
 Mix-method research exploring bias in natural language processing systems and social media platforms.

Research Intern at *IBM Research* May 2023 – August 2023
 Tech for Justice Team- Advised by Sara Berger, Raya Horesh, and Rogerio Abreu de Paula

Research Intern at *Snap Inc.* May 2022 – Aug 2022
 Algorithm Fairness Team, Advised by Aalok Shanbhag and Subhash Sankuratripati
 Used qualitative methods to research fairness issues in Snap camera products; Created framework to test future Snap camera products for fairness across skin tones.

Research Intern at *Adobe Inc.* May 2020 – Dec 2020
 Visualization Service Group, Advised by Ryan Rossi Created a now patented insight driven visualization recommendation system that created and ranked the visualizations for arbitrary dataset. Utilized various statistical and machine learning based methods to rank visualizations.

Research Intern at *University of California San Diego* May 2019 – Aug 2019
 Advised by Julian McAuley and Mengting Wan
 Project exploring gender bias in book recommendation systems. Found gender based biases most exacerbated in latent factor model due to popularity bias towards male authored texts.

Invited Talks

Invited Lectures and Talks

"Experiences of Black Content Creators on TikTok"
 Invited Guest Lecture, University of Michigan School of Information, March 2024

"Experiences of Black Content Creators on TikTok"
 Invited Talk, Computer Supported Cooperative Work Southeast Meet-Up, Emory University, Nov 2023

"Algorithmic Bias and Fairness"
 Invited Guest Lecture, Georgia Institute of Technology, Computer Science Department, Nov 2023

"Linguistic Bias Toward African Americans in Hate Speech Classification"
 Invited Talk at the Workshop on Bridging Methods to Study Sociolectal Variation at LSA Summer Institute, UMass Amherst, July 2023

"Experiences of Black Content Creators on TikTok"
 Invited talk, Human-Centered Computing Lunch Speaker Series, Stanford University, May 2023

"Linguistic Bias Toward African Americans in Hate Speech Classification"
 Invited Guest Lecture, Georgia Institute of Technology, Computer Science Department, March 2023

Invited Panel Discussions

"They been tryin' hard to make us all vanish": Repositioning Authority in Science and Technology
 Invited Panelist, National Women's Studies Association Conference, Baltimore MD, October 2023

Recognition for Diversity and Inclusion Awardee Panel
 Invited Panelist, ACM Conference on Computer Supported Cooperative Work CSCW 2023, Minneapolis MN, October 2023

Securing Fellowship Funding in Grad School
 Panel Organizer and Moderator, Georgia Institute of Technology CS 7001 Introduction to Graduate Stud-

ies, October 2022

UC Berkeley Womxn on the Rise Summit

Invited Panelist, UC Berkeley Society of Women Engineers, May 2019

Service

Conference Committee

Program Committee, ACM Conference on Fairness Accountability and Transparency, 2024

Peer Reviewing Activities

Reviewer, ACM Conference on Computer Supported Cooperative Work, 2024

Reviewer, ACM CHI Conference on Human Factors in Computing Systems, 2024

Reviewer, ACM Conference on Computer Supported Cooperative Work, 2023

Reviewer, ACM CHI Conference on Human Factors in Computing Systems, 2023

Reviewer, ACM Transactions on Asian and Low-Resource Language Information Processing, 2022

Other Service

Student Volunteer, ACM Conference on Fairness, Accountability, and Transparency, 2023

Research Mentor, Stanford CS LINXS Summer Research Program, Summer 2023

Research Mentor, Stanford HAI INSPiRE-CS Summer Research Program, Summer 2023

Reviewer, Presidential Undergraduate Research Award, Spring 2023

Teaching

Courses

Teaching Assistant, CS 7001: Introduction to Graduate Studies. Fall 2022, 50 students
Georgia Institute of Technology

Mentoring

Chijioke Mgbahurike, Undergraduate
Summer 2023-Present