

# Camille Harris

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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

## Publications

*Mapping a Movement: Exploring a Proposed Police Training Facility in Atlanta and the Stop Cop City Movement through Online Maps*

**Camille Harris**, Clio Andres

Under Review

*Material Lens on Coloniality in NLP*

William Held, **Camille Harris**, Michael Best, Diyi Yang

Under Review

*"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**

*SpotLight: Visual Insight Recommendation*

**Camille Harris** Ryan Rossi, Sana Malik, Jane Hoffswell, Fan Du, Tak Yeon Lee, Eunye Koh, Handong Zhao

The ACM Web Conference WWW 2023, Acceptance Rate: 19.2%

*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%

*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%

*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**

## Patent

*Configuration of User Interface for Intuitive Selection of Insight Visualizations*

**Camille Harris**, Zening Qu, Sana Lee, Ryan Rossi, Fan Du, Eunye 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.

## Awards, Grants, and Honors

### *Awards*

Recognition for Contribution Diversity and Inclusion, 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

## 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, Oct 2023

Recognition for Diversity and Inclusion Awardee Panel

Invited Panelist, ACM Conference on Computer Supported Cooperative Work CSCW 2023, Minneapolis MN, Oct 2023

## Service

*Conference Committee*

**Program Comittee**, ACM Conference on Fairness Accountability and Transparency, 2024

*Peer Reviewing Activities*

**Reviewer**, ACM CHI Conference on Human Factors in Computing Systems, 2023, 2024

**Reviewer**, ACM Conference on Computer-Supported Cooperative Work, 2023, 2024

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

*Mentorship*

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

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

*Other Service*

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

**Reviewer**, Presidential Undergraduate Research Award, Spring 2023

## Teaching

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

Last updated: January 24, 2024