

**Princess Sampson** pronouns: they/she  
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## Research Areas

Human-Computer Interaction; Algorithmic Justice; Human-Centered AI

## Education

- 2022 – pres. **University of Pennsylvania**  
Ph.D. Student in Computer Science  
Advisor: [Danaë Metaxa](#)
- 2018 – 2022 **Spelman College**  
B.S. in Computer Science *with honors*

## Awards & Honors

- 2024 **National Science Foundation** Graduate Research Fellowship
- 2022 **National GEM Consortium** GEM Fellowship
- 2021 **Google** Tech Exchange Scholar
- 2021 **Crown Castle** Opportunity Scholarship
- 2019 **Booking.com** Women in Tech Scholarship
- 2019 – 2022 **Spelman** Social Justice Fellow

## Publications

### REFEREED CONFERENCE PUBLICATIONS

- [c.1] **Sampson, P.**, Encarnación, R., Metaxa, D. (2023). “Representation, Self-Determination, and Refusal: Queer People’s Experiences with Targeted Advertising.” FAccT 2023. [Available here.](#)

### WHITE PAPERS

- [w.1] Nias, J., **Sampson P.**, and R. Ogburu-Ogonnaya. (2022). “Black Women’s Experiences with Algorithmic Microaggressions.” Mozilla Foundation. [Available here.](#)

### WORKSHOP PAPERS

Nias, J., L. Hampton, M. Ruffin, and **P. Sampson**. (2020). “Decolonizing Technologies for Preserving Cultural and Societal Diversity.” CHI 2020 Engaging Race in HCI Workshop. [Available here.](#)

## Industry Experience

- 2022 **Adobe Research · San Jose, CA (Remote)**  
RESEARCH SCIENTIST INTERN  
Designed and ran a qualitative study on data storytelling methods to improve dashboard visualizations.  
Mentor: [Jane Hoffswell](#)
- 2021 **Etsy · Brooklyn, NY (Remote)**  
SOFTWARE ENGINEERING INTERN  
Migrated Scala source to ApacheSpark from Scalding for critical shared data pipelines that power experiments and analytics.
- 2020 **Amazon Advertising · NYC (Remote)**  
SOFTWARE DEVELOPMENT ENGINEERING INTERN  
Designed and built an AWS ETL pipeline for generating features used by ad targeting models.
- 2019 **Amazon · Seattle, WA**  
SOFTWARE DEVELOPMENT ENGINEERING INTERN  
One of one hundred Amazon Future Engineer interns nationwide. Contributed to React and Spring web app used internally by business analyst teams.

## Service

- 2023 – pres. **Penn Black Graduate Women's Association**  
*Elected Role: Programming Chair*
- 2023 – pres. **Penn Engineering Dean's Doctoral Diversity Advisory Board**  
*Elected Role: Student Representative for CIS*
- 2022 – pres. **Penn Computer and Information Science Doctoral Association**  
*Elected Role: Chair*
- 2020 – 2022 **The Blue Record Podcast**  
*Role: Director of Tech Ops (2021-2022), Web Engineer (2020-2021), co-founder.*