

Princess Sampson pronouns: they/she
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Research Areas

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

Education

- 2022 – 2028 **University of Pennsylvania**
PH.D. Student in Computer Science (advised by [Danaé Metaxa](#))
- 2018 – 2022 **Spelman College**
B.S. in Computer Science *with honors*

Awards & Honors

- 2024 **National Science Foundation** Graduate Research Fellowship
- 2024 **Google** Google Public Policy 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 & BRIEFS

- [wpb.2] **Sampson P.**, and M. Bogen. (2025). “It’s (Getting) Personal: How Advanced AI Systems Are Personalized.” Center for Democracy & Technology. [Available here.](#)
- [wpb.1] Nias, J., **Sampson P.**, and R. Ogburu-Ogbonnaya. (2022). “Black Women’s Experiences with Algorithmic Microaggressions.” Mozilla Foundation. [Available here.](#)

WORKSHOP PAPERS

- [ws.1] 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.](#)

Experience

- 2024 **Center for Democracy & Technology · Washington, DC**
GOOGLE PUBLIC POLICY FELLOW
Led translational policy research on personalized generative AI systems in CDT's AI Governance Lab. Mentor: [Miranda Bogen](#).
- 2022 **Adobe Research · San Jose, CA**
RESEARCH SCIENTIST INTERN
Designed and ran a qualitative study on data storytelling methods to improve dashboard visualizations. Mentor: [Jane Hoffswell](#).
- 2021 **Etsy · Brooklyn, NY**
SOFTWARE ENGINEERING INTERN
Migrated Scala source to ApacheSpark from Scalding for critical shared data pipelines that power experiments and analytics.
- 2020 **Amazon Advertising · NYC**
SOFTWARE DEVELOPMENT ENGINEERING INTERN
Designed and built an AWS ETL pipeline for generating features used by ad targeting models.

Skills

Programming Languages

Python, JavaScript, Java, Scala, Swift, SQL, Full-stack software engineering, data engineering, relational database design, web/mobile app development

Research Methods

Qualitative methods (interviews, surveys, thematic analysis), usability testing, interface design, experimental design, applied machine learning

Service

- 2023 – pres. **Penn Black Graduate Women's Association**
Elected Role: Programming Chair
- 2022 – pres. **Penn Computer and Information Science Doctoral Association**
Elected Role: Chair
- 2023 – 2024 **Penn Engineering Dean's Doctoral Diversity Advisory Board**
Elected Role: Student Representative for CIS
- 2020 – 2022 **The Blue Record Podcast**
Role: Director of Tech Ops (2021-2022), Web Engineer (2020-2021), co-founder.