Princess Sampson pronouns: they/she

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Research Areas

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

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

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 Program Fellow
2019 – 2022	**Spelman** LINCS Fellow
2018 – 2022	**Spelman** Ethel Wadell-Githii Honors Program Scholar

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-Ogbonnaya. (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
Led research project at the intersection of visualization and data storytelling.
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 web app used internally by business analyst teams.

Service

2023 – pres.   **Penn Black Graduate Women's Association**
Elected Role: Programming Chair

2022 – pres.   **Penn Engineering Dean's Doctoral Diversity Advisory Board**
Elected Role: CIS Co-Representative

2022 – pres.   **Penn Computer and Information Science Doctoral Association**
Elected Role: Co-Chair

2020 – 2022   **The Blue Record Podcast**
Role: Director of Tech Ops (2021-2022), Web Engineer (2020-2021), co-founder.

Teaching Experience

Spring 2020   **CIS 121 Computer Science I: C++**
Spelman College

Fall 2019   **CIS 123 Computer Science I: Python**
Spelman College