

# IHUDIYA FINDA OGBURU

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## EDUCATION

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- University of Michigan (UM)** Expected 2022  
Ph.D in Information Science  
Specializations: Human-Computer Interaction (HCI),  
Information and Communication Technologies and Development (ICTD)
- Harvard Graduate School of Education (HGSE)** May 2015  
M.Ed in Technology, Innovation, and Education
- Rochester Institute of Technology (RIT)** May 2010  
B.S. in Information Technology  
Concentrations: Database, Web Design, and Application Development

## FELLOWSHIPS & AWARDS

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- 2020** ACM SIGCHI, Best Paper Award  
**2020** SIGCHI, Grant for Race in HCI  
**2020** Adobe, GEM Fellowship  
**2020** Google, Women Techmakers Scholars  
**2018 - 2020** UMSI Travel Grant  
**2018 - 2020** Rackham Travel Grant  
**2018** University of Michigan, Rackham Graduate Student Research Grant  
**2017** University of Michigan, Rackham Graduate School Merit Fellowship

## REFEREED CONFERENCE PUBLICATIONS

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- Ogbonnaya-Ogburu, I. F.**, Smith, A. D., To, A., Toyama, K. (2020, April). Critical Race Theory for HCI. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (pp. 1-16). [Acceptance rate: 23.8%]
- Ogbonnaya-Ogburu, I. F.**, Toyama, K., & Dillahunt, T. R. (2019, May). Towards an Effective Digital Literacy Intervention to Assist Returning Citizens with Job Search. In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (pp. 1-12). [Acceptance rate: 23.8%]

## REFEREED POSTERS, DEMONSTRATIONS, AND WORKS IN PROGRESS

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- Ogbonnaya-Ogburu, I. F.**, Toyama, K., Dillahunt, T. (2018, October). Returning Citizens' Job Search and Technology Use: Preliminary Findings. In Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (pp. 365-368). ACM.
- Erete, S., Nicole, L., Mumm, J., Boussayoud, A., & **Ogbonnaya-Ogburu, I. F.** (2016, May). That Neighborhood is Sketchy!: Examining Online Conversations about Social Disorder in Transitioning Neighborhoods. In Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems (pp. 1180-1186). ACM.

## ORGANIZED WORKSHOPS

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- Smith, A. D., Ahmed, A. A., Alvarado Garcia, A., Dosono, B., **Ogbonnaya-Ogburu, I. F.**, Rankin, Y., ... Toyama, K. (2020, April). What's Race Got To Do With It? Engaging in Race in HCI. In Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems Extended Abstracts (pp. 1-8).

## RESEARCH EXPERIENCE

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**Digital Street Theatre Maternal Health Research Project** December 2019 - Present  
*University of Michigan*

**Critical Race Theory Research Project** June 2019 - Present  
*University of Michigan*

- Managed qualitative research project seeking to adapt critical race theory to human-computer interaction that resulted in a first author paper in CHI 2020
- Performed literature review and autobiographical narrative analysis

**Digital Literacy Project for Formerly Incarcerated Individuals** September 2017 - Present  
*University of Michigan*

- Led and managed qualitative research project seeking to understand the digital literacy skills of individuals who are formerly incarcerated, especially as it relates to job search, that resulted in a first author paper in CHI 2019
- Interviewed over twenty formerly incarcerated individuals
- Developed a six-week digital literacy course and curriculum that included five volunteers and four participants

**Juvenile Justice Science Educational Technology Project** May 2015 - June 2015  
*Center for Applied Special Technology*

- Lead software evaluator for the project
- Developed a test eBook in order to explore the possibilities of its usage in the classrooms of juvenile corrections settings

**Online Conversations Around Gentrification** April 2014 - August 2014  
*DePaul University*

Developed online scrappers using Python that collected over 10,000 threads; Performed qualitative content analysis using inductive coding based on Grounded Theory

## INDUSTRY EXPERIENCE

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**Smarter IT Fellow (Product Manager)** January 2017 - August 2017  
*U.S. Department Of State*

Lead requirements gatherer and Statement of Work developer for Bureau of Economic and Business Affairs Team; Technical Liaison for an interagency partnership of Department of State and the General Services Administration

**Data Analytics Team Application Developer** July 2015 - December 2016  
*Uplift Education*

Designed, developed, implemented and maintained Uplift Educations Intranet solution and its architecture per organizations vision and best practices using HTML5, CSS, JavaScript and Tableau that is accessed by over 1400 users

**ICT Local Government Capacity Builder** September 2011 - February 2014  
*Peace Corps*

Project and Logistics Manager for a 30,000 Pula (\$4,000) Girls and Guys Leading Our World Camp for 30 children

**Software Engineer Consultant** June 2010 - August 2011  
*Booz Allen Hamilton*

Customized, created, and maintained additional functionality for the software, Primavera ProSight, using JavaScript, for over 2,300 ProSight users

## TEACHING AND CURRICULUM DEVELOPMENT

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Teaching Assistant: University of Michigan Introduction to Python Programming	Sept 2019 - Dec 2019
Teaching Assistant: University of Michigan Web Design	Sept 2018 - Dec 2018

## UNIVERSITY AND PROFESSIONAL SERVICE

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CHI Student Volunteer	2019, 2020
CHI Reviewer	2018, 2019
CSCW Reviewer	2019
CHI Session Chair	2018
Tapia Conference Workshop Reviewer	2018

## OUTREACH AND COMMUNITY SERVICE

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University of Michigan Doctoral Executive Committee	2018 - 2019
AnitaB.org Google Summer of Code Project Manager	2014, 2015, 2016
Harvard Graduate School of Education Student Council Communications Officer	2014 - 2015
Peace Corps Botswana Information Communication Technology Committee Founder	2012 - 2014
National Peace Corps Association Serving Volunteer Advisory Board Social Media Senior Advisor	2012 - 2013

## SKILLS

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<b>Programming Languages</b>	JavaScript, Java, HTML, CSS, .NET, Python
<b>Content Management Systems</b>	WordPress
<b>User Experience</b>	Sketch, InVision, Balsamiq
<b>Multimedia Software</b>	Adobe Photoshop, Adobe Illustrator
<b>Databases</b>	Microsoft SQL Server, MySQL
<b>Databases Analysis</b>	Atlas.Ti, Tableau
<b>Languages</b>	Setswana, American Sign Language

## PROFESSIONAL AFFILIATIONS

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ACM, IEEE, BDPA, NSBE, CRA-WP, IAAMCS, NSBC