

# Lynn Kirabo

<http://kirabo.io>

<b>OBJECTIVE</b>	I'm an HCI PhD candidate interested in designing the future of equity in smart transit interfaces.	
<b>EDUCATION</b>	<b>CARNEGIE MELLON UNIVERSITY</b>	Pittsburgh, PA
	PhD in Human-Computer Interaction	<i>Expected, Dec 2023</i>
	Master of Science in Human-Computer Interaction	May 2022
	<b>CARNEGIE MELLON UNIVERSITY</b>	Kigali, RW
	Master of Science in Information Technology, CQPA: 3.82/4.0, Valedictorian	May 2015
	<b>MAKERERE UNIVERSITY</b>	Kampala, UG
	Bachelor of Information Technology, First Class Honors, Vice Chancellor's List	May 2008
<b>TEACHING</b>	<b>Carnegie Mellon University</b>	Pittsburgh, PA
<b>EXPERIENCE</b>	<i>Co-Instructor (Course: Transformational Game Design Studio)</i>	<i>Returning Fall'22; Aug - Dec 2021</i>
	<ul style="list-style-type: none"><li>- Hybrid course (Remote &amp; In Person)</li><li>- Co-lead in class playtest sessions &amp; instructional sessions</li><li>- Students: Undergraduate &amp; Graduate</li></ul>	
	<i>Graduate Teaching Assistant (Course: Programmable User Interfaces)</i>	Jan - May 2021
	<ul style="list-style-type: none"><li>- Fully remote course</li><li>- Lead and facilitate lab sessions and course grading</li><li>- Work with and support students taking the course</li><li>- Students: Undergraduate &amp; Graduate</li></ul>	
	<i>Graduate Teaching Assistant (Course: User-Centered Research &amp; Evaluation)</i>	Aug - Dec 2020
	<ul style="list-style-type: none"><li>- Hybrid course (Remote &amp; In Person)</li><li>- Lead and facilitate hybrid section of the course</li><li>- Work with and support students taking the course</li><li>- Students: Undergraduate &amp; Graduate</li></ul>	
	<i>Graduate Teaching Assistant (Course: Java For SmartPhone Development)</i>	Jan - May 2015
	<ul style="list-style-type: none"><li>- Work with and support students taking the course</li><li>- Assist professor with assignment creation and grading</li><li>- Students: Undergraduate &amp; Graduate</li></ul>	
	<i>Graduate Teaching Assistant (Course: Strategic Use of Digital Information)</i>	Aug - Dec 2014
	<ul style="list-style-type: none"><li>- Work with and support students taking the course</li><li>- Assist professor with assignment creation and grading</li><li>- Students: Graduate</li></ul>	
<b>PUBLICATION</b>	<b>Conference Proceedings</b> (peer reviewed)	
	<b>Kirabo, L.,</b> Carter, E.J., Barry, D., and Steinfeld A. (2021). Priorities, Technology & Power: Co-Designing an Inclusive Transit Agenda in Kampala, Uganda. In 2021 ACM Conference on Human Factors in Computing Systems ( <i>CHI '21</i> ), May 8-13, 2021. Yokohama, Japan. <a href="https://doi.org/10.1145/3411764.3445168">https://doi.org/10.1145/3411764.3445168</a>	
	<b>Kirabo, L.,</b> Namara, M., and McNeese, N. (2021). The Power of the Blue Tick: Ugandans' experiences and engagement on Twitter at the onset of the COVID-19 pandemic. In 2021 ACM African Human-Computer Interaction Conference ( <i>AfriCHI '21</i> ), March 8-12, 2021. Maputo, Mozambique. <a href="https://doi.org/">https://doi.org/</a>	

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10.1145/3448696.3448746

Gleason, C., Valencia, S., **Kirabo, L.**, Wu, J., Guo, A., Carter, E.J., Bigham, J.P., Bennett, C.L., and Pavel, A. (2020) Disability and the COVID-19 Pandemic: Using Twitter to Understand Accessibility during Rapid Societal Transition. ACM SIGACCESS Conference on Computers and Accessibility. (*ASSETS '20*), October 26–28, 2020, Athens, Greece. <https://doi.org/10.1145/3373625.3417023>

Romero, O.J., Haig, A., **Kirabo, L.**, Yang, Q., Zimmerman, J., Tomasic, A., and Steinfeld, A. (2020). A Long-Term Evaluation of Adaptive Interface Design for Mobile Transit Information. In 22nd International Conference on Human-Computer Interaction with Mobile Devices and Services (*MobileHCI '20*), October 5–8, 2020, Oldenburg, Germany. <https://doi.org/10.1145/3379503.3403536>.

**Kirabo, L.**, Carter, E.J., and Steinfeld A. (2020) “You are asking me to pay for my legs”: Exploring the Experiences, Perceptions, and Aspirations of Informal Public Transportation Users in Kampala and Kigali. In ACM SIGCAS Conference on Computing and Sustainable Societies (*COMPASS '20*), June 15–17, 2020, Guayaquil, Ecuador. <https://doi.org/10.1145/3378393.34022691>

## Journals (non-peer reviewed)

Principe Cruz, E., **Kirabo, L.**, Carrington, P., & Hammer, J. (2021). Building Anti-Racist Futures at the CMU HCII: Recruiting BIPOC Graduate Students: Virtual Recruitment Event Design. (In press). *BIPOC Literary Journal: The Colors We Carry*.

## Workshops (peer reviewed)

Citational Justice Collective, León, G.M., **Kirabo, L.**, Marisol Wong-Villacres, M., Karusala, N., Kumar, N., Bidwell, N., Reynolds-Cuéllar, P., Borah, P.P., Garg, R., Oswal, S.K., Chuanromanee, T., and Sharma, V. (2021). Following the Trail of Citational Justice: Critically Examining Knowledge Production in HCI. In Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing (*CSCW '21*). Association for Computing Machinery, New York, NY, USA, 360–363. <https://doi.org/10.1145/3462204.3481732>

HCI Across Borders, (2020). ACM Conference on Human Factors in Computing Systems.

## Doctoral Consortium (peer reviewed)

Kirabo, L., "“Our perspective matters.” Using Universal Design Goals to Guide Technology Design in the Global South" ACM SIGACCESS Conference on Computers and Accessibility. Doctoral Consortium, (2019).

## Poster

Reig, S., Carter, E.J., **Kirabo, L.**, Fong, T., Steinfeld, A., and Forlizzi, J. (2021). Smart Agents and Devices of Today and Tomorrow: Surveying Use and Desires. In Proceedings of the 9th International Conference on Human-Agent Interaction (HAI '21), November 9–11, 2021, Virtual Event, Japan. ACM, New York, NY, USA, 6 pages.

Kirabo, L., "HCI4D through the Lens of Assistive Technology Research Concepts" ACM SIGCAS Conference on Computing and Sustainable Societies. Poster, (2018).

## ACM Articles

Valencia, S. and **Kirabo, L.**, Twitter, COVID-19 & Disability: What Worked and What Didn't. XRDS: Crossroads, The ACM Magazine for Students 28, no. 2 (2021): 20-23.

Kirabo, L., "The one about resilience, energy, culture, and crafting." XRDS: Crossroads, The ACM Magazine for Students 26, no. 2 (2019): 60-63.

Kirabo, L., "Global cultures and computing." XRDS: Crossroads, The ACM Magazine for Students 26, no. 2 (2019): 8-9.

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<b>ACADEMIC RESEARCH</b>	<b>Designing Adaptive Interfaces for Riders with Disabilities</b> Studying the impact of personalization on cognitive and perceptual demand	<i>On-going</i>
	<b>Exploring Public Transit in Developing Countries</b> Investigating trends and the eco-system of public transit in Rwanda and Uganda that can inform technological opportunity	<i>On-going</i>
	<b>The Future of Smart Home Interfaces</b> Exploratory study into the perceptions around the future of conversational interfaces	<i>Spring 2021</i>
	<b>Tiramisu Data Analysis</b> Inferring origin, destination and determining user behavior using a location aware research testbed that logs user interaction to capture searched and favorited bus stops and routes	<i>Spring 2021</i>
	<b>Understanding Twitter Emotion &amp; Message Types During COVID-19</b> Studying the impact of different message types on user emotion and behavior	<i>Fall 2020</i>
	<b>Understanding Autonomous Logging of Eating Moments</b> EarBit is a wearable system that detects eating moments such as chewing, gulping, as well as other subtle behavior walking and talking	<i>Fall 2017</i>
<b>WORK EXPERIENCE</b>	<b>Carnegie Mellon University</b> <i>Graduate Research Assistant</i> Collaborate on and initiate research projects: currently working on exploring public transit in developing countries and data logs from a transit app deployed in the United States (Tiramisu)	Pittsburgh, PA Aug 2017 - to date
	<b>Facebook, Inc.</b> <i>UX Research Intern, Instagram</i> - Worked alongside UX Researchers to collaborate and contribute to products that have an impact.	Pittsburgh, PA Jun - Aug 2021
	<b>Fenix International</b> <i>Intern, Junior SWE &amp; Software Engineer</i> - Worked along side Software Engineers and Software Product Manager as part of an agile process on the development of applications solutions to meet customer requirements - Participated in the analysis and composition of requirements, design and architectural and component software features	Kampala, UG July 2015 - July 2017
	<b>IBM Research Africa</b> <i>Research Intern</i> - Worked alongside Senior Researchers to develop solutions that addressed Africa's grand challenges; healthcare, water and sanitation, education, human mobility and agriculture	Nairobi, KE May - Aug 2014
	<b>World Bank</b> <i>Web Development Consultant</i> - Developed & launched web interface for a project that focused on improving land quality to sustain the performance of African countries	Washington, DC Sept 2013 - May 2014
	<b>Hive Colab</b> <i>Digital Media Manager</i> - Managed all online interfaces: website and social media presence	Kampala, UG Mar - July 2013

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- Hosted technology meetup & high school outreach events

## Watoto

Kampala, UG

*Interactive Coordinator*

Aug 2007 - Feb 2013

- Headed the Web development team & worked to ensure that all the web interfaces i.e. social media, global websites & individual country microsite are kept up to date

## RELEVANT COURSES

<i>User Centered Research &amp; Evaluation Methods</i>	Research Methods in Behavioral Sciences
Applied Research Methods	Transformational Game Design Studio
Ethics & Robotics	Human-Robot Interaction

## RELEVANT SKILLS

Ethnographic Methods	UX Research	Qualitative Research	Ethics & Equity
HCI4Development	Android Development	Jupyter Notebook	Python + Javascript

## AWARDS

CRA-URMD Grad Cohort for Women (2020); CRA-W Grad Cohort for Women (2020, 2019); Facebook Vivid in Research Cohort (2019); Inaugural FLIP Fellow (2018); Grace Hopper Scholar (2018); UN Women Scholarship (2013 - 2015); Valedictorian, Carnegie Mellon University (Class of 2015); 1st & 3rd Place: National Infographic Competition, Rwanda (2014, 2013); iLocator: Best ICT Innovation - IEEE Exhibition, Nairobi (2008); First Class Honors, Makerere University (2008); Vice Chancellor's List, Makerere University (2008)

## SERVICE

CHI 2022 Student Volunteer, ACM DIS; Reviewer Active Listener Cohort, Parables of AI in/from the Global South (2021); Program Committee, EAAMO (2021); Associate Chair, CHI Late Breaking Works (2020); Program Committee, MD4SG (2020); Reviewer, ACM AfriCHI; Reviewer, CHI; Reviewer, Journal of Reliable Intelligent Environments (Springer); Reviewer, iD4A Symposiums

## LEADERSHIP

Host, All About Tech Conversations: Applying to Grad School (2021); Host, All About Tech Conversations: Careers in Tech (2021); Facilitator, EAAMO'21 Regional socials - Africa (2021); HCI BLM Subcommittee (2020); African Graduate Student Association Officer (2020); XRDS Guest Editor (2019); OurCS Conference Committee (2019); Graduate Student Assembly Representative (2018); Member: Women in SCS (2018); Member: Young Researchers on ICT4D (2017 - to date); Judge: National Technovation Challenge (2016), Founding Member: InnovateHerAfrica (2016), R&D Officer - CMU-Africa (2014), Founding Member: Women of Technology Uganda

## SPEAKING

Panelist: Metatopia (2021); Guest Lecture: Programming Useable Interfaces (2021); Best of WiDS: Women in Data Science (2021); Speaker: STEMforHER (2020); CMU Africa Alumni Series (2020); and UgandaUnites Webinar (2020), Panelist: Women in Data Science Stanford (2020); OurCS Conference (2019); Youth Connekt - Transform Africa Summit 2017) and LeO Africa Economic Forum (2017), Speaker: National Technovation Challenge (2017); Inaugural FundiBots Connect (2017), and Alumni Spotlight Series, CMU Africa (2017)