

Current Address

Newell Simon Hall, HCII
5000, Forbes Avenue
Pittsburgh, PA 15217

Lynn Kirabo

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<http://kirabo.io>

Permanent Address

5000, Forbes Avenue
Pittsburgh, PA 15217

OBJECTIVE	To harnessing computational social science in the pursuit of mitigating contextual biases that limit technological advancement.	
EDUCATION	CARNEGIE MELLON UNIVERSITY	Pittsburgh, PA
	PhD in Human Computer Interaction	<i>Expected, Dec 2023</i>
	CARNEGIE MELLON UNIVERSITY	Kigali, RW
	Master of Science in Information Technology, CQPA: 3.82/4.0	May 2015
	MAKERERE UNIVERSITY	Kampala, UG
	Bachelor of Information Technology, CGPA: 4.45/5.00	June 2008
WORK EXPERIENCE	Fenix International	Kampala, UG
	<i>Software Engineer</i>	April 2017 - July 2017
	<ul style="list-style-type: none"> - Working along side Software Engineers and Software Product Manager as part of an agile process on the development of applications solutions to meet customer requirements - Participating in the analysis and composition of requirements, design and architectural and component software features 	
	Fenix International	Kampala, UG
	<i>Intern & Junior Software Engineer</i>	July 2015 - April 2017
	<ul style="list-style-type: none"> - Working alongside the Data Scientist to integrate models into core internal software FenixDB - Reviewing code, writing documentation and following all test procedures 	
	Carnegie Mellon University	Pittsburgh, PA
	<i>Graduate Teaching Assistant (Course: Java For SmartPhone Development)</i>	Jan - May 2015
	<ul style="list-style-type: none"> - Assisting students understand Object Oriented concepts of Java - Aide students in applying Object Oriented concepts in Android Development 	
	Carnegie Mellon University	Kigali, RW
	<i>Graduate Teaching Assistant (Course: Strategic Use of Digital Information)</i>	Aug - Dec 2014
	<ul style="list-style-type: none"> - Work with and support students taking the course - Assist professor with assignment creation and grading 	
	IBM Research	Nairobi, KE
	<i>Research Intern</i>	May - Aug 2014
	<ul style="list-style-type: none"> - Worked alongside Senior Researchers to develop solutions that addressed Africa's grand challenges; healthcare, water and sanitation, education, human mobility and agriculture - Provided support in facilitating field studies and collecting user requirements for my assigned project 	
	World Bank	Washington, DC
	<i>Web Development Consultant</i>	Sept 2013 - May 2014
	<ul style="list-style-type: none"> - Developed & launched web interface for a project that focused on improving land quality to sustain the performance of African countries 	
	Carnegie Mellon University	Kigali, RW
	<i>Administrative Assistant</i>	Sept 2013 - May 2014
	<ul style="list-style-type: none"> - Worked alongside admin staff to ensure website was updated frequently as well as managed Social media 	

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Hive Colab

Kampala, UG

Digital Media Manager

April - Aug 2013

- Worked to ensure developer community attendance at technology related events through the use of Websites, Social Media and community awareness.

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

Computer Science Principles for Practicing Engineers

Pervasive and Ubiquitous Computing

COURSES

Designing Human Centered Software

Applied Machine Learning

Java for SmartPhone Development

Mobile Service Innovation

ACADEMIC**Tiramisu**

On-going

**RESEARCH/
PROJECTS**

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.

earBit

On-going

A wearable system that detects eating moments such as chewing, gulping, as well as other subtle behavior walking and talking.

Using Blog Content in Gender Classification & Prediction (Paper)

Spring 2015

Created a model that accurately distinguished between genders.

Wander

Spring 2015

Developed a mobile app to curate photos, tweets and statuses on a chosen timeline.

FitMate

Spring 2015

Designed an app helps athletes connect with new workout partners and motivate active lifestyles.

Ihangane

Fall 2014

Designed a mobile app to collect health data to support HIV positive women and their babies.

NituShoma

Spring 2014

Created an e-Reader that curates and promotes local African content with support for both written & oral works.

Kana Kanje

Spring 2014

Developed a mobile app that helps empower and improve the lives of families with premature children.

RELEVANT

Android Development

Java Programming

Web Development

Social Media Management

SKILLS

Web & Mobile Design

Design Patterns

Python Programming

Adobe Creative Suite

**LEADERSHIP
& AWARDS**

Valedictorian - Class of 2015; UN Women Scholarship (2013 - 2015)

1st & 3rd Place: National Infographic Competition (2014, 2013); iLocator: Best ICT Innovation - IEEE (2008)

Member: Young Researchers on ICT4D Reading Group (2017)

Founding Member: InnovateHerAfrica (2016) & Women of Technology Uganda (2011) : Empowers girls to take on STEM careers.

R&D Officer - CMU-Africa: Encourage students to take part in competitions and other opportunities (2014).