

Usman Khaliq

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EDUCATION

Stanford University

2018-2020

MS Design Impact

Capstone Project: Applying the human-centered design process to help pediatric congenital heart disease patients, their families and care providers to better manage their condition for improving desired healthcare outcomes

Ghulam Ishaq Khan Institute of Engineering Science and Technology

BSc Computer Engineering

2011 -2015

RELEVANT WORK EXPERIENCE

Verily Life Sciences

Cambridge, Massachusetts

User Experience Research Intern

June 2019 – Sept 2019

- Conducted [research](#) to inform product development for a solution that aims to help healthcare providers to more efficiently identify, diagnose, treat and manage individuals with sleep apnea

Centre for Design Research, Stanford University

Ford - Stanford RX Car Project

Qualitative Researcher

January 2019 – Present

- Conducted qualitative assessment to determine whether the characteristics of an in-vehicle assistant impact a passenger's confidence in an AV's capabilities

Intellicap

Freetown, Sierra Leone

Research Consultant

November 2017 – June 2018

Led the Government to People Payments [report](#) for the United Nations Capital Development Fund(UNCDF), in partnership with the Bank of Sierra Leone, the Ministry of Finance & Economic Development

- Established contact with all financial inclusion actors and conducted stakeholder interviews on the status of the digital financial services (DFS) ecosystem in Sierra Leone
- Designed survey methodology for government employees, managed team of 10 enumerators collecting data from 200 respondents across Sierra Leone.

iDT Labs

Freetown, Sierra Leone

Consultant, Financial Inclusion FinTech Lead

July 2015 - June 2018

Used human centered design to develop and launch services in healthcare, financial inclusion and open data

- Lead interaction and service designer for [miKashBoks](#), a mobile-money based conditional cash savings scheme for subsistence farmers

IBM Research Africa

July 2016 – September 2016

Regional

Consultant

- Conducted proof of concept and pilot for an [infectious disease surveillance dashboard](#) developed by IBM Research Africa for USAID's *Fighting Ebola: a Grand Challenge for Development* award

Code for Sierra Leone

Freetown, Sierra Leone

Country Manager

July 2015 - June 2018

Initiated a community of civic coders, designers and policy advocates working on improving delivery of public services in Sierra Leone

- Research lead for [MWash](#), a water and sanitation point mapping platform that aimed to improve the delivery of water and sanitation services in Freetown, with support from The Engine Room's [Matchbox Program](#)

World Bank

Monrovia, Liberia

Consultant, Open Data

July 2017 – September 2017

- Co author and researcher for the World Bank's [Open Data Readiness Assessment Report](#) for Liberia
- Conducted an assessment on the Government of Liberia's readiness to to evaluate, design and implement a nation-wide open data initiative

Statistics Without Borders

Dec 2016 – Feb 2017

USA

Pro Bono Data Analyst

- Deployed exploratory data analysis techniques in R to measure the impact of the Young African Leaders Initiative Network's exchange program according to the Socially Responsible Leadership Scale toolkit

SKILLS

Programming Languages: Python, R, Java, JavaScript, SQL, C++

Data Visualization Softwares: Tableau, Carto DB, d3.js

Other Tech Skills: Functional knowledge in machine learning, process mining, UI/UX design

Other Skills: Human Centered Design, Open Data, Government Reform, Impact Evaluations, Project Management