

## Usman Khaliq

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### EDUCATION

**Stanford University**  
MS Design Impact

2018-2020

**Ghulam Ishaq Khan Institute of Engineering Science and Technology**  
BSc Computer Engineering

2011 -2015

### RELEVANT WORK EXPERIENCE

**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

**Intellectap**

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 human centered 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 action oriented assessment of the readiness of the Government of Liberia (GoL) to evaluate, design and implement a nationwide open data initiative

**Statistics Without Borders**

Dec 2016 – Feb 2017

USA

**Pro Bono Data Analyst**

- Deployed statistical analysis libraries and 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