

# USMAN KABIR TURAJO

**Address:** No.3 Garko Avenue, Nassarawa LGA, Kano, Nigeria

**Date of Birth:** 30 October, 1993

**Portfolio:** [ukt.pythonanywhere.com](http://ukt.pythonanywhere.com)

**Email:** ukturajo@gmail.com

## EDUCATION

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### Bayero University, Kano

2014 - 2019

Bachelor of Engineering (Electrical); Second Class Upper Honours

## NOTABLE MODULES

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|---|----------------------------------|
| ▪ Control Engineering                     | ▪ Power Electronics              |
| ▪ Power Systems Engineering               | ▪ Electrical Machines            |
| ▪ Electrical Services Design              | ▪ Telecommunications Engineering |
| ▪ Switchgear and High Voltage Engineering | ▪ Computer Engineering           |

## Academic Achievements

- **2019:** B.ENG.Electrical Engineering
- **2011:** Secondary school certificate Examination
- **2005:** Primary school leaving certificate

**Software Skills:** MATLAB, Python, Javascript, Assembly Language, Proteus, Appinventor, Scratch and Robo Prolight. Proficiency in all areas of Microsoft including Access, Excel, PowerPoint and Word.

## TECHNICAL SKILLS

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- Analysing and designing of control systems.
- Circuit designing – Debugging, synthesizing and analysing electrical circuits.
- Ability to use instrumentation and take electrical measurements.
- Knowledge of micro-controllers (PIC and 8051)
- Full-Stack web developer using Django framework for Back-end and Bootstrap for Front-end.

## RESEARCH/TEACHING EXPERIENCE

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### TECHBRIDGE CONSULTING LIMITED - NYSC

DECEMBER 2019 – PRESENT

*TechBridge Consulting Limited (NYSC); STEM Instructor* Prepared and delivered lectures to teachers and students in different schools across the state (Lagos) on *Python, Scratch and Appinventor*. Also tasked with teaching students how to assemble and code fishertechnik robotics kits using ROBO Pro Light.

## WORK EXPERIENCE PLACEMENT

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### EXPRESS RADIO - INTERN

JULY 2017 - JANUARY 2018

6-month internship with Express radio

#### Achievements and Contributions

- **Maintenance:** Worked with maintenance team and provided general support under direct supervision of Management. Where maintenance of electrical installations was carried out
- **Report Development:** Prepared reports following customer site visits and meetings. Accurately reported outcome of meetings while identifying tasks and activities that required follow up by client or consultant.
- **Research:** Undertook extensive research to develop an understanding of various legislation and regulations relevant to clients' requirements. Collated research into client files and firm's information library.
- **Business Development:** Contributed to reviews of marketing opportunities for sourcing new clients. Provided recommendations, including increased social media interaction, which were received positively.

### KANO ELECTRICITY DISTRIBUTION COMPANY (KEDCO)

OCTOBER 2016 –JANUARY2017

3-month internship with KEDCO

#### Achievements and Contributions

- **Maintenance:** Worked with the maintenance team where patrol across various transformers was carried out. Faulty transformer were identified and rectified successfully.
- **Report Development:** Prepared reports following performances of various transformers. Accurately reported outcome of each and every transformer across the distribution line.
- **Research:** Undertook extensive research to develop an understanding of distribution and transmission relevant to staff' requirements.
- **Marketing:** Contributed to reviews of marketing opportunities for sourcing new clients. Identifying defaulters of monthly payment and selling of meter units

## VOLUNTEER PLACEMENTS

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### Lamido Crescent Youth Development

2010 - PRESENT

Provided support during various fundraising activities for local community group. Assisted at events and gatherings including providing suggestions to help meet fundraising targets. Personally attended various events, including spending time with homeless youth in Kano city.

### Community Gardens Volunteer

2014 - PRESENT

Worked in community gardens assisting members of the local community with planting and caring for allocated sections. Assisted with setup and preparation of community garden, including general repair and maintenance works.

## PROFESSIONAL REFEREES

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### Professor Sanusi Sani Adamu

Lecturer

Bayero University Kano

Phone 08037016383

### DR. Amir Abdullahi Bature

Lecturer

Bayero University Kano

Phone 0803731461

