

# Hafeez Olafisayo Jimoh

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[Portfolio](#) | [Github](#) | [LinkedIn](#)

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## EDUCATION

<b>West Virginia University</b> , Morgantown, WV	Expected Dec. 2023
<i>Master of Science in Mechanical Engineering (ABET-accredited)</i>	
<b>Innopolis University</b> , Russia	Aug. 2022
<i>Master of Science in Robotics and Computer Vision</i>	
Grade: Distinction	
<b>Obafemi Awolowo University</b>	2017
<i>Bachelor of Science in Electronic and Electrical Engineering</i>	
GPA: 4.51/5.0	

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## SKILLS

- **Programming:** Python, MATLAB
  - **Data Analytics & Visualization:** Excel, SQL, Power BI, Tableau, Alteryx
  - **Cloud:** AWS and Azure
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## CERTIFICATIONS

• Microsoft Certified Data Analyst Associate (MCDA)	2020
• AWS Certified Machine Learning – Specialty	2021
• AWS Certified Solution Architect	2021
• AWS Certified Cloud Practitioner	2021
• Microsoft Certified Trainer (Power Platform and Data Analysis)	2020-2023

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## WORK EXPERIENCE

Mechanical and Aerospace Engineering, West Virginia University	Aug 2022 –Dec. 2023
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### **Graduate Teaching Assistant**

- Coordinating and supervising laboratory experiments in Advanced Mechatronics and Automatic Control course
- Coordinating and monitoring activities and role assigned to other Teaching Assistants.
- Enhancing the understanding of students in the Laboratory for Advanced Mechatronics practical sessions.
- Improved and updated the students' laboratory manual and experiments to align with latest MATLAB and NI DAQ.

<b>Laboratory for Prototyping and Control</b> , Innopolis, Russia	Aug 2019 – May. 2021
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### **Research Assistant**

- Developed a feedback linearization control structure for quadruped robot to ensure compliant and stability when in contact with surfaces.
- Conducted low-level system to use Linear Series Elastic Actuator to achieve desired joint torque commands which come from the high-level controller.
- Developed packages and applications as software module in Python and C++ in ROS and implemented them on aerial and ground robots.
- Implemented the Constrained Dynamics for LQR Control of Bipedal Robot
- Footstep Planning of Bipedal Robot using ZMP and Optimization based techniques
- Modelled, analyzed and controlled 2-Link and 3-Link Pendulum with Variable Stiffness Actuator.

- Worked with various Electrical engineering equipment (Oscilloscopes, Multimeters, Power Supply, Motor Drivers, actuator etc) and 3D printer

## **DbrownConsulting, Lagos Nigeria**

Jan. 2019 – Aug. 2019

### *Data Analyst*

- Developed an end-to-end Power BI project from data collection to interactive dashboard for human development center of the biggest Bank in Nigeria.
- Mined and translated data into actionable sights and helped organizations make data-driven decisions
- Refined, and developed BI solutions to ensure they meet the needs of the business, stakeholders, and team goals.
- Created Instructional contents that serves customer pain points for different courses offered by the firm.
- Collaborated with other trainers to develop courses for organizations, executives, and business professionals on how to make effective use of Business Intelligence tools to develop insights, take informed decisions and be more productive at work.
- Consulted for organizations like KPMG and EY on data management and report automation strategy for audit and financial reports.
- Delivered values with predictive machine learning models using Python across businesses and industries.

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## **COMMUNITY SERVICE**

### **Data Evangelist**

Aug 2021-Present

- Introduce and Facilitate training for new bees of about 500 people to Data Analysis with Power BI, SQL and Excel
- Manage, coordinate, and provide post-support for webinar attendees and virtual platform members.
- Regular uploads of content to YouTube Channel, Twitter, and LinkedIn to educate people on data analysis.
- Collaborates and coordinates with other volunteer team members to guide learners in their learning journey.

### **Code Club Instructor and Leader**

2015-2017

- Planned and coordinated the team that introduced students to Programming.
- Reviewed and gave feedback on project work of students.
- Facilitated and taught students in the Scratch Programming class
- Provided class support to students in Python programming class.
- Facilitated training on Introduction to Robotics sessions using Arduino, Raspberry Pi and various sensors and actuators.

### **Innopolis University Student Ambassador**

2019- 2021

Innopolis University, Russia

- Mentored 15 Prospective students on admission procedure and strategies for acing the admission interview process.
- Welcomed 50 New students to the University and participated in Orientation program.

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## **PRESENTATIONS**

- Global Power Platform Bootcamp Boston User Group  
Best Practices in Power BI Feb. 2022
- Global Power Platform Bootcamp Tri-State (NYC/NJ/PA) User Group  
Making Power BI, Power App and Power Automate Work together. Feb. 2022
- Microsoft 365 Virtual Marathon Conference April 2022