

OLAYEMI HAFEEZ RUFAT

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<https://scholar.google.com/citations?user=i-YwkuUAAAAJ&hl=en>

Passion Statement

I am currently building a career across the data ecosystems - from Economic Analyst to Data Scientist. Experienced in providing comprehensive analysis and recommending solutions to address complex business problems and issues using data and applying advanced analytical methods to assess factors impacting growth and profitability across products and service offerings.

Technical Skills

Programming Languages: Python, SQL, R, SPSS

Data Visualization Tools: Power BI, Tableau, MS Excel

Other Tools: MS Office (PowerPoint, Word, LaTeX, CorelDraw)

Data Analysis Tools/Libraries: Pandas, NumPy, Matplotlib

ML Libraries/Techniques: Scikit-learn, Support Virtual Machine

Soft Skills: Report Writing, Teamwork, Critical Thinking, Communication

Education	UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA	Hefei, CN
	PhD – Philosophy of Science, Focus: Responsible Research Innovation and Nuclear Power Ethics	June 2024
	<ul style="list-style-type: none">Chinese Academy of Science and The World Academy of Science (CAS-TWAS) ScholarshipGraduate Research Assistant	
	UNIVERSITY OF SAN FRANCISCO	San Francisco, CA
	MS - Applied Economics [Ongoing], Key Focal Area(s):	May 2024
	<ul style="list-style-type: none">Machine Learning for Economics ModelEconometrics and A/B Experimental TestingThe Global Scholars in Economics Scholarship, 80% self-funded education	
	UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA	Hefei, CN
	MS - Public Administration, Focus: Research and Public policy	June 2019
	<ul style="list-style-type: none">Chinese Government Scholarship, top 5%DAAD Scholarship for German LanguageClass Captain, Project Team Leader	
	ANHUI NORMAL UNIVERSITY	Wuhu, CN
	Certificate, Advanced Chinese Language	July 2016
	UNIVERSITY OF IBADAN, NIGERIA	Ibadan, NG
Experience	BSc – Economics, Focus: International Economics	April 2014
	<ul style="list-style-type: none">Project Team Lead.Press Club, Literary and Debating Society, 100% self-funded education working 30+hrs/week.	
	Creative Consultant	San Francisco, CA
	USF Malloy Group experiential learning consultant	2022
	<ul style="list-style-type: none">Led a team of 4 to apply design thinking strategy to create a prototype of peer to peer sharing of battery energy storage system in a community.Used Qualtrics survey to analyze the intention of user's willingness to sell extra backup energy storage to their community.Analyzed & forecasted 5-year profitability scenarios of MS Energy Service.Develop data collection and analysis strategy to evaluate Energy Services performance.Produced and delivered a sales action plan which supports the company's strategic objectives, achieving sales targets and using initiatives to take corrective measures as needed.	
	Fadaontop Limited	Akure, NG

Business Analyst

2020 – 2022

- Advised and discussed with producers on how to make products more appealing to potential buyers, increasing average selling prices by 16% from initial appraisals.
- Achieved a monthly average score of 86.5% based on client satisfaction surveys in applying critical thinking, interpersonal, and conflict resolution skills on diverse issues.
- Implemented data management and performance tracking procedures which increased participation in Asset Integrity related activities from 50% to 85% within 6 months.
- Connected the company with 12 Chinese firms for possible collaboration.

University of Science and Technology of China

Hefei, CN

Research Assistant

2020 – 2022

- Conducted and analyzed various research and also taught young researchers the know-how of data analysis
- Organized and scheduled research meetings among international students

Language proficiency

- English language
- Mandarin (Simplified Chinese)

Conference, seminars**& Symposium attended**

- Certificate course on Innovation & Entrepreneurship for Digital Economy at Tsinghua University, China
- The Annual International Conference on Sustainable Research and Innovation (SRI)
- The 1st Workshop on Computational Methods in Social Sciences and the 71st ICA Annual Conference Regional Hub – China
- Certificate for participation in a summer course on “global change” organized by Johannes Gutenberg University, Mainz, Germany.
- The 3rd USTC International Workshop on Data- driven Research
- “Leadership Development Seminar-2013” organized by University Management, University of Ibadan, Nigeria.

Community Services

- Regular participation in community cleaning activities on the last Saturday of every month from 8:00 am to 11:00 am, Ibadan, Nigeria.
- Outreach to two selected secondary schools in Ibadan, Nigeria to enlighten the students on importance of university education.
- Taught international graduate students how to conduct standard research analysis using SPSS, AMOS and SmartPLS.
- Electoral Officer for the Independent National Electoral Commission, Nigeria
- Volunteer for pick-up service for USTC new international students at the airport and translating Chinese to English

Publications

- Shahani, R., Chu, J., **Rufai, O. H.**, Zawar, A., Muhideen, S., & Dilawar, S. (2022). Understanding the Role of Psychosocial Factors in Pakistani Parents ' Hesitancy to Vaccinate Their Kids: The Mediating Role of Knowledge and Mistrust of Science about the COVID-19 Vaccine. *Vaccines* 2022, 10, 1260. <https://doi.org/10.3390/vaccines10081260>
- Olayemi H. Rufai**, Jianxun Chu, Sayibu Muhideen, Riffat Shahani, Tunde S. Amosun (2021) Exploring Virtual Reality Technology and the Role of Mindfulness in Promoting Nuclear Power Knowledge and Public Acceptance in China. *International Journal of Green Energy*. 2021; <https://doi.org/10.1080/15435075.2021.1992412>
- Olayemi H. Rufai**, Richard O. A, Emmanuel T. T, Helen A. A, Fathiya A. S, Victoria O. O, Ren Chong (2019). A Mixed Method Inquiry of Gas Flaring Consequences, Mitigation Strategies and Policy Implication for Environmental Sustainability in Nigeria. *Journal of Environment and Earth Science*. Vol.9, No.2, 2019 ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online). DOI: 10.7176/JEES/9-2-07

- Sayibu M, Chu J*, **Olayemi H. Rufai**, Riffat S, Tunde S. A (2021). Rethinking Communication and Crowdsourced Technology: Mediating Role of Mobile-Learning Tie to Broadband. *European Journal of Interactive Multimedia and Education* 2021, 2(1), e02106 ISSN 2732-4362 (Online) <https://doi.org/10.30935/ejimed/9703>
- Tunde Simeon Amosun, Chu Jianxun, **Olayemi Hafeez Rufai**, Muhideen Sayibu and Riffat Shahani (2021). Understanding the motivational values for the usage of specific online news media and users' perception of information credibility. *Global Knowledge, Memory, and Communication*. DOI 10.1108/GKMC-02-2021-0022
- Tunde Simeon Amosun, Jianxun Chu, **Olayemi Hafeez Rufai**, Sayibu Muhideen and Riffat Shahani (2021). Does e-government help shape citizens' engagement during the COVID-19 crisis? A study of mediational effects of how citizens perceives the government. *Online Information Review*. DOI 10.1108/OIR-10-2020-0478
- Tunde S. A, Chu J, **Olayemi H. Rufai**, Sayibu M, Riffat S, Zakir S and Jonathan K. (2020). WeChat usage during COVID-19 pandemic lockdown: the mediating role of online self-disclosure on quality of friendship and well-being. *Global Knowledge, Memory, and Communication* 2514-9342 DOI 10.1108/GKMC-09-2020-0136
- RO Alademomi, OH Rufai, ET Teye, KK Sunguh, HA Ashu, VO Oludu (2019). Usage of E-Payment on Bus Rapid Transit (BRT): An Empirical Test, Public Acceptance and Policy Implications in Lagos, Nigeria. *International Journal of Business and Social Science* 10 (2), 115-126. DOI:10.30845/ijbss.v10n2p14. www.ijbssnet.com
- Fat-hiya Abdulla Said, Nurudeen Abdul-Rahaman, and **Olayemi H. Rufai** (2018) "The Methods Used by Non-Governmental Organization in Solid Waste Management: Are They Effective in Combating Waste in Zanzibar?" *Journal of Environment and Earth Science*. Vol.8, No.4, 2018 ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online) www.iiste.org
- Emmanuel Tetteh Teye, Alexander Narh Tetteh, Abraham Teye, Seth Yeboah Ntim, Beatrice Ayerakwa Abosi, **Olayemi H. Rufai**, He Qian (2018). The role of Individual Absorptive Capacity, Subjective-wellbeing, and Cultural fit in predicting international student's academic achievement and novelty in China. *International Journal of Higher Education*. Vol. 7, No. 6; 2018; DOI:10.5430/ijhe.v7n6p78 ijhe.sciedupress.com
- Kimlong Ngini, Yen Yat, **Olayemi H. Rufai**, Sijjad Ali Khuhro and Mariia Sushchenko (2017) "Intelligent System for Data Tracking in Image Editing Company". *Math. Comput. Appl.* 2017, 22, 45; DOI:10.3390/mca22040045
- M Sayibu, J Chu, TY Akintunde, **OH Rufai**, TS Amosun, G George-Ufot (2022). Environmental conditions, mobile digital culture, mobile usability, knowledge of app in COVID-19 risk mitigation: A structural equation model analysis *Smart Health* 25, 100286
- MK Gonlepa, **OH Rufai**, CG Ofuonye, L Sebaka (2022). Coronavirus-linked pregnancy complications: a comparative study *Egyptian Journal of Medical Human Genetics* 23 (1), 13
- M Sayibu, J Chu, A Tosin Yinka, **OH Rufai**, R Shahani, MA Jin (2022). COVID-19 smart surveillance: Examination of Knowledge of Apps and mobile thermometer detectors (MTDs) in a high-risk society. *Digital Health* 8, 20552076221132092
- HA Ashu, **OH Rufai**, A Tassang, A Gadabu, B Ibrahim, AO David Repairing Individual Trust in Organizational Setting: The Mediating and Moderating Role of Benevolence and Competence Based. *Journal of Marketing and Consumer Research*. Vol.63, 2019 <http://www.iiste.org/>
- M Sayibu, J Chu, TY Akintunde, **OH Rufai**, TS Amosun, G George-Ufot (2022). Environmental conditions, mobile digital culture, mobile usability, knowledge of app in COVID-19 risk mitigation: A structural equation model analysis. *Smart Health* 25(1):100286 DOI:10.1016/j.smhl.2022.100286
- HA Ashu, X Peng, Z Xuehe, **OH Rufai**, A Gadabu, B Ibrahim, A Tassang (2020). The Usage of Apology and Justification to Repair Integrity and Benevolence-Based Trust Violations in a Stigmatized Social Enterprise. *North American Academic Research*, Volume 3, Issue 04; April 2020; 3(04) 81-96 DOI: [10.5281/zenodo.3743921](https://doi.org/10.5281/zenodo.3743921)