ADEMOLA ABDULGANIYU ADESOKAN
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Rolla, Missouri, United States.

EDUCATION

Missouri University of Science and Technology	Rolla, United States
PhD Computer Science	2022 - Present
American University of Beirut	Beirut, Lebanon
Master of Science, Computer Science	Aug 2023.
Nigerian University of Technology and Management	Lagos, Nigeria
Post-graduate Diploma in Technology, Entrepreneurship, and Design	Sept 2021.
Quantic School of Business and Technology	Washington DC, US.
Master of Business Administration.	Feb 2021.
Federal University, Dutsin-ma	Katsina State, Nigeria.
Bachelor of Science, Computer Science & IT - Grade: **4.83/5.0; First-Class Honors (Top 1%)**	Nov 2017.
Nuhu Bamalli Polytechnic, **Zaria**	Kaduna State, Nigeria.
National Diploma, Computer Engineering - Grade: **3.76/4.0; Distinction (Top 1%)**	Dec 2013.

TEACHING AND RESEARCH EXPERIENCE

Computer Science Department, American University of Beirut — Beirut, Lebanon.
Teaching Assistant — 2021-2022.
- Assisted professor and participated in teaching work and research in the computer science department.
- Also prepared and graded undergraduates' student's assignments and projects.

Isa Kaita College of Education, Dutsin-ma — Katsina State, Nigeria.
Tutor — 2018-2019.
- Organized academic tutorials for all science college students and also set up mock examinations.

Computer Science & IT Department, Federal University Dutsin-ma — Katsina State, Nigeria.
Research Intern — 2016-2017.
- Exposed to research works in computer science. Assisted graduate students and Professors in daily research routine.

Directorate of Information and Communication Technology, Federal University Dutsin-ma — Katsina State, Nigeria.
IT Intern — 2016.
- Exposed to different fields and specializations in IT such as software engineering, hardware engineering & programming, computer security, database management, and cloud computing among others.
- Designed and developed an attendance management system for IT students.

PROFESSIONAL EXPERIENCE

Shell Nigeria Exploration & Production Company (SNEPCo) — Port Harcourt, Nigeria.
SAP Associate Consultant - Graduate Intern — Oct 2019 – Jul 2020.
- Actively participated in the planning and implementation of SAP system upgrades and updates.
- Provided KPI status reports for project management.
- Implemented and maintained the multiple SAP instances that comprise the SAP environment.
- Monitored all SAP systems (work processes, users, system logs, short dumps, locks, system traces, disk space, etc.).
- Managed SAP incident and change management on ServiceNow, and housekeeping jobs.
- Planned and implemented SAP systems copy/refresh from the production system.
- Helped to run controls on SAP systems (Open client settings, NPE, Security Baseline, etc.).

SAP SE — Lagos, Nigeria.
Graduate Trainee — Jul 2019 – Oct 2019.
- Got certified in SAP global certifications, both functional and technical business processes.
- Obtained world-class advanced communication skill course – Alan Carroll & Associates.
- Acquired SAP internal sales and design thinking skills.
- Obtained Empower 2.0 – Mind empowering workshop to steer up professional life and productivity.

MIS Unit, Isa Kaita College of Education, Dutsin-ma — Katsina State, Nigeria.
IT Technical Support Officer – National Youth Service Corps (NYSC) — Jul 2018 – Jun 2019.
- Helped to administer computer-based training exams for college students.
- Actively participated in the implementation of the system and network infrastructure.
- Configured the system network and installation of software for CBT examination.
- Organized orientation and tutorials for college students.

PUBLICATIONS

- **Adesokan, A.,** Madria, S., & Nguyen, L. (2023). HatEmoTweet: Low Level Emotion Classifications and Spatio-Temporal Trends of Hate and Offensive COVID-19 Tweets (**Accepted**).

- **Ademola A,** Assaad E, Faten H, "RIS-assisted Coverage Maximization Using Multi-UAVs in LTE Networks", *International Journal of Wireless and Microwave Technologies,* Vol.13, No.4, pp. 28-34, 2023. DOI:10.5815/ijwmt.2023.04.04 (**Published**).
- **Adesokan, A. A.** (2022). Covid-19 Control: Face Mask Detection Using Deep Learning for Balanced and Unbalanced Dataset. *International Journal of Intelligent Systems and Applications*, *12*(6), 50. **(Published).**
- **Ademola A.A.,** and Jamilu Y. (2020). Motivation: Adoption of an online voting system for the upcoming Nigeria General Election 2023. *Global Scientific Journal* 8(4):1438-1453 (**Published**).

PROJECTS

Automated python script to fetch live SAP system status — 2020.
- An automated python script that will allow the SAP BASIS team members to fetch the status of the live SAP production system backup without contacting the storage team.
- The project reduces the stress of going from one team to another to send daily report information.

Installation of a new SAP System — 2020.
- The project entails install of SAP Cloud solutions that powered Shell's business processes with advanced capabilities.
- The project boosted Shell's organization's efficiency and productivity by automating repetitive tasks, making better use of time & resources.

Design and Development of Online Voting System — 2017.
- The project designed and developed an online voting system for the National Association of Computer Science Students.
- The project was designed as a web-based application to complement the existing system (paper-based system) for voting.
- The project increased transparency, reduced the time taken, and boost the confidence and participation of voters.

CONFERENCE PRESENTATIONS

- **The Use of ICT to Curb Insecurity in Nigeria**, presented at the 1st National Conference, College of Education Academic Staff Union, Nigeria, 2019.
- **The Role of ICT in Nation Building** presented at 1st National Conference College of Education Academic Staff Union, Nigeria, 2019.

HONOURS AND AWARDS

- **Kummer Fellow** — Missouri, United States. 2022.
  Kummer Innovation and Entrepreneurship Doctoral Fellowship
- **Mastercard Foundation Scholar** — Kaduna State, Nigeria. 2021.
  Mastercard Foundation Scholarship for Master's Program
- **The Vice-Chancellor's Award of Federal University, Dutsin-ma** — Katsina State, Nigeria. 2018.
  Best Graduating Student **(Top 1%)**
- **Nigerian Internet Registration Association (NiRA)** — Lagos State, Nigeria. 2018.
  Special Prize for Best Graduating Student
- **Layer3 Network** — Abuja, Nigeria. 2018.
  Best Student from the Department of Computer Science & IT with Highest CGPA
- **Continental Computers** — Katsina State, Nigeria. 2018.
  Best Graduating Student from the Department of Computer Science & IT
- **Professor J.O Fatokun (HOD's Award), Federal University, Dutsin-ma** — Katsina State, Nigeria. 2018.
  Best Graduating Student in the Department of Computer Science & IT

LEADERSHIP AND VOLUNTEER EXPERIENCE

- **President,** Information Technology Community Development Service, Dutsin-ma — 2019.
- **Secretary-General**, Information Technology Community Development Service, Dutsin-ma — 2018.
- **President,** National Association of Computer Science Students, Federal University Dutsin-ma — 2016.

SPECIALIZED TRAINING AND CERTIFICATIONS

- Certificate Course in *Physical Science Responsible Conduct of Research* - Collaborative Institutional Training Initiative (CITI), 2021.
- Certificate Course in *Vaccine Research, Mental Health, Remote Contact Tracing for Higher Ed and Healthcare* by CITI Program, 2021.
- Certificate Course in *Mathematics for Management* by Harvard Publishing Business School, 2020.
- SAP Certified Technology Associate - *SAP* S/4HANA *Conversion* and *SAP System* Upgrade, 2020.
- SAP Certified Associate - *SAP Activate Project Manager*, 2019.
- SAP Technology Associate Certification - *System Administration (HANA) with SAP NetWeaver 7.5,* 2019.
- SAP Application Associate Certification - *Business Process Integration with SAP S/4HANA,* 2019.

SKILLS AND COMPETENCIES

Programming Languages	Personal Strengths	Softwares and Applications
Python and Java.	Strong Work Ethics & Time Management.	Microsoft Office Tools.
SQL.	Excellent Communication and Writing.	Data Robot.
C++ and C#.	Interpersonal Relationship.	SAP & Linux.
Visual Basic.	Inclusive Leadership.	Canva, Wix & GoDaddy.

INTEREST

- Language and governance.	- Education and healthcare.	- Coding and robotics.
- Research, AI, and machine learning.	- Science and technology.	- Reading, teaching and sports.