Alvin O. Forteta

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Summary

Visionary, results-oriented technology executive with 15+ years of experience in Information Systems and institutional governance. Skilled in orchestrating enterprise-wide digital transformation through advanced analytics, AI/ML integration, and modern Cloud Infrastructure (OCI, Azure, AWS). Demonstrated track record of transitioning organizations from fragmented, legacy environments to resilient, data-driven operating models, securing multi-million Naira technology funding, cutting annual internet expenditure by 50%, and expanding network capacity by more than 200%. Highly experienced in institutional research, regulatory compliance, and aligning technology strategy with core business priorities and measurable ROI. Seeking an executive role that enables leadership of complex technology functions, strengthens organizational digital governance, and unlocks competitive advantage through strategic innovation.

Core Competencies

Data Analysis | Cloud Computing | AI/ML | Research | Enterprise Systems | Team Leadership

Education

- Ph.D. in **Information Systems** (In Progress) | American University of Nigeria | Expected *2026*
- M. Tech. in **Operations Research** | Federal University of Technology, Yola | *2011*
- PGD. in **Theology** | The Redeemed Christian Bible College | *2014*
- B.Sc. (Ed.) in **Mathematics** | Delta State University, Nigeria | *1998*
- WASSC (**SSCE**) | Nigerian Military School, Zaria | *1992*

Skills

Databases: Oracle, MSSQL, MySQL, PostgreSQL

Cloud: Microsoft Azure, Office365 administration, AWS, Oracle Cloud Infrastructure (OCI)

Servers & Virtualization: Windows, Linux, Hyper-V, VMWare

Analytics: R (Programming Language), Power BI, Tableau, SPSS, STATA

Big Data: Apache Hadoop, Apache Spark

AI/ML: Large Language Models, Retrieval-Augmented Generation, Machine Learning

Programming: Python, Visual Basic .Net, VBA

Certifications

2025 | Oracle Fusion Cloud Enterprise Resource Planning (ERP) Associate

2024 | Oracle Cloud Infrastructure 2024 Generative AI Professional

2024 | Oracle Cloud Infrastructure 2023 AI Foundations Associate

2024 | Human Research Ethics (Biomedical) Investigators

2024 | Human Research Ethics (Social Science) Investigators

2024 | Nigerian National Code for Health Research Ethics

2023 | Oracle Cloud Infrastructure 2023 Foundations Associate

2022 | Oracle Cloud Infrastructure Foundations 2021 Associate

2020 | Huawei Certified ICT Associate (Big Data) – HCIA

2019 | Huawei Certified Academy Instructor – HCAI

2019 | Huawei Certified ICT Associate (Routing & Switching) – HCIA

2012 | Oracle Certified Java EE 5 Web Component Developer – JPN

Professional Experience

Director, Institutional Research & Effectiveness | American University of Nigeria | MAR 2024 - PRESENT

- Lead data-driven analyses and develop analytical models to provide strategic insights and support regulatory compliance.
- Generate comprehensive reports and deliver evidence-based recommendations to senior administrators, board members, and academic leaders.
- Collaborate across departments to track KPIs, conduct studies, and create data visualizations that inform decision-making.
- Integrate advanced statistical techniques and predictive analytics to guide strategic planning, resource allocation, and continuous improvement initiatives.

Director, Academics & Records | American University of Nigeria | Aug. 2022 – Mar. 2024

- Managed student academic records, course scheduling, and enrollment data, ensuring compliance with academic regulations.
- Leveraged advanced analytics to provide strategic insights for institutional decision-making, accreditation, and policy development.
- Helped develop academic catalogs, course descriptions, and degree audit reports, overseeing technical writing functions.
- Generated detailed reports on enrollment trends, academic performance, and institutional effectiveness using student information systems.

Web Systems Manager | University of Africa, Toru-Orua | Nov. 2017 – Aug. 2022

- Led the strategic development and implementation of web infrastructure and digital platforms integrated into the Office365 suite, supporting academic and administrative needs.
- Managed technology policies, ensuring cybersecurity and designing digital solutions for students, faculty, and staff.
- Coordinated enterprise-wide technology initiatives, overseeing critical web-based systems and digital transformation efforts.
- Aligned technology infrastructure with institutional goals, ensuring reliable, high-performance digital operations across the university.

Web Manager | Elizade University, Ilara-Mokin | Mar. 2013 – Nov. 2017

- Managed the university's web presence, overseeing all information systems and web applications, later transitioning to head the entire IT division.
- Led strategic web development, design, and maintenance to ensure seamless integration of digital communications and user experience.
- Taught courses in Business Administration, bridging academic instruction with practical technological expertise.
- Coordinated web services, implemented cybersecurity protocols, and developed digital solutions supporting academic and administrative functions.

Deputy Director, Web Services | American University of Nigeria, | Jan. 2010 – Feb. 2013

- Led a team in overseeing the university's web presence, managing digital platforms and web development initiatives, including pioneering the creation of the university's flagship electronic newsletter (AUN*this*WEEK).

- Supervised the creation, maintenance, and improvement of web-based services to align with branding, communication goals, and user experience standards.
- Managed technical infrastructure, content development, and user interface design for university websites and online portals.
- Implemented web policies, maintained cybersecurity protocols, and drove digital transformation to enhance online visibility and engagement.

Head of Computing | AUN Academy, Yola | Sept. 2008 – Dec. 2009

- Led the Academy's computing department, overseeing all aspects of technology, integration, and infrastructure management.
- Successfully implemented a Microsoft Access-based application for managing all academic data of the school, improving data organization and accessibility for staff and administrators.
- Introduced new technology courses and initiatives to equip students with essential digital literacy skills.
- Led a team of IT staff to provide technical support to students, teachers, and administrators.

Graduate Assistant | Federal University of Technology, Yola | Oct. 2005 – Aug. 2008

- Served as Departmental Examination Officer in the Department of Information Technology, responsible for managing all academic records of well over three thousand undergraduate and associate degree students in the department of Information Technology
- Taught several courses at the undergraduate and associate degree level.
- Oversaw the migration from a pre-digital to a database-driven model for managing results.

Graduate Student/Analyst | Federal University of Technology, Yola | 2004 – 2005

- Served as Information Systems Officer at the North-East Zonal Workshop on Housing and Urban Infrastructure Finance Options held on June 7– 9, 2004 at ABTI Academy, Yola.
- Served as Computer Operator and Chief Editor in Paraclete Publishers, Yola

Mathematics Lecturer (Part Time) | Federal College of Education, Yola | 2002 – 2003

- Lectured courses in Algebra, Trigonometry, Coordinate Geometry, & History of Mathematics to trainee teachers.

Training Secretary | Nigeria Fellowship of Evangelical Students (NIFES) | 2000 – 2001

- Expanded organizational spread from 8 to 11 locations.
- Initiated development of zonal information system.

Mathematics/Further Math Teacher | Federal Science College, Sokoto | 1999 – 2000

- Received second place award in the Sultan Muhammed Maccido Annual Essay Competition organized for Youth Corps members in Sokoto state.
- Taught Mathematics & Further Mathematics to senior students.

Publications & Professional Memberships

Publications:

Forteta, A. O. (2025). *Rethinking Institutional Memory: An Adaptive Systems Approach for Disruptive Contexts.* Proceedings of the 3rd AUN International Conference, Yola. Vol 3, Issue 1 e-ISSN: 3027-0650 October 30-November 1, 2025

Forteta, A. O. (2025). *The Four Faces of Forgetting: Toward a Taxonomy of Memory Loss in Digital Governance.* Proceedings of the 3rd AUN International Conference, Yola. Vol 3, Issue 1 e-ISSN: 3027-0650 October 30-November 1, 2025

Forteta, A. O., Porbeni, E. A., Okpeh, H. J., & Dauda, A. (2005). Rethinking Digital Governance Through Disruption Awareness and Resilience Memory: The Case of the Moodle LMS at UAT. MoodleMoot Africa 2025 Conference, Abuja. October 8-10, 2025.

Joseph, N. S., & **Forteta, A. O.** (2023). Open Innovation for SMEs in Transitional Economies and Developing Countries: A Longitudinal Study of Nigeria, Cameroon, and Ghana. *Proceedings of the 1st AUN International Conference on Research & Innovation for National Development.*

Oriogun, P., Abaye, A., **Forteta, A. O.**, & Shorunke, M. (2015). Towards a Model for Auditing ICT Infrastructure Projects in a Developing Economy. *Software Quality Management Conference, UK (ISBN 978-0-9926958-6-6).*

Gadzama, A. M., & **Forteta, A. O.** (2011). *The Strategic Place of Operations Research in the Development of Information Delivery Systems.* Journal of Management, Arts and Technology (JOMAT).

Key Professional Memberships:

- 2025 – Date   Nigeria Computer Society (NCS)
- 2022 – Date   Association for Information Systems (AIS).
- 2022 – Date   Operations Research Society (ORS).
- 2011 – Date   Institute for Operational Research and the Management Sciences (INFORMS).

University Administrative Experience

AMERICAN UNIVERSITY OF NIGERIA

- Director, Institutional Research & Effectiveness
- Director, Academics & Records (Academic Registrar)
- Chairman, Committee for the review of tuition and fee structuring
- Chairman, Committee on Review of Student Enrollment and Turnover
- Member, Outstanding Staff Award Selection Committee
- Member, University Events Committee
- Member, AUN Judicial Council

UNIVERSITY OF AFRICA, TORU-ORUA

- Member, Strategic Planning Committee
- Member, ICT Technical Committee
- Member, Security Committee
- Head of ICT

ELIZADE UNIVERSITY, ILARA-MOKIN

- Member, Anti-Corruption & Transparency Monitoring Committee
- Member, Honors and Ceremonies Committee
- Member, ICT Technical Committee
- Member, Instructional Technology Committee
- Member, Minor Tenders Board
- Member, Security Committee
- Member, Strategic Planning Committee
- Member, Teaching & Learning Enhancements Committee
- Member, University Events Committee
- Ag. Head of ICT

MODIBBO ADAMA UNIVERSITY, YOLA

- Departmental Examination Officer

Other Achievements

- Secured over ₦80 million in funding to facilitate the development of a 300-user computing hub at the University of Africa, Toru-Orua, significantly improving campus connectivity, institutional research capacity and student training.

- Played a critical role in negotiating with the major telecommunications companies (MTN, Glo, Airtel) to establish telecommunication network presence in the university host communities of Toru-Orua and Bolou-Orua which before then had almost no network coverage.

- Achieved a 50% reduction in the cost of Internet services at the University of Africa (from ₦8.4 million per quarter down to ₦4.2 million per quarter), simultaneously achieving more than 200% increase in capacity (from 50mbps to 310mbps for both of our campuses) through aggressive renegotiation of the terms of the existing contracts in a transparent, rigorous and very competitive process which was open to all major ISPs in the country. This saved the university almost ₦20 million annually in bills.

- Conceived and set up campus-wide CCTV and IP telephony system at Elizade University connected with video walls at the Vice Chancellor's office, Registrar's office, and the newly created campus security's Command and Control (CnC) station, seamlessly integrating information technology into the security architecture, thus significantly improving campus security.