

CURRICULUM VITAE

Engr. Dr. Robinson Tombari Sibe, FNSE



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PROFILE SUMMARY

Dr Robinson Tombari Sibe is a Computer Engineer and Cybersecurity/Digital Forensic expert, with about two decades of professional experience. He is the Co-Founder and Lead Forensic Examiner of Digital Footprints Nig. Ltd, Nigeria's leading Digital Forensics and Cybersecurity company. He is also an Official Member of the Forbes Technology Council. He is also a Fellow of the Nigerian Society of Engineers.

He has a PhD Information Technology (Digital Forensic Specialty) and a Master of Science in Digital Forensics, both from the University of the Cumberland, Kentucky, USA. He also has a Master of Engineering Degree in Electrical/Electronic Engineering (Telecommunication Specialty) from the University of Port Harcourt, Nigeria. He has a bachelor's degree in computer engineering from the Rivers State University, Nigeria.

He is also an academic, lecturing and mentoring undergraduate and graduate students, both in Nigeria and internationally. He currently serves as a Lecturer in the Department of Computer Engineering, Rivers State University. He is also a Visiting Fellow of the University of South Wales, United Kingdom, where he contributes his expertise in Digital Forensics, Cybersecurity, and Geographic Information System. He is also a Dissertation Chair (Cybersecurity) of Capitol Technology University, Maryland, USA. He also supervises volunteers and mentor master's and doctoral students of Cybersecurity and Digital Forensics, at the National Open University of Nigeria (this is done pro bono). He also teaches Digital Forensics and Incident Response at the same university (also done pro bono).

He holds several top certifications in Forensics and Cybersecurity. He is certified by EC-Council as a Certified Chief Information Security Officer (CCISO). He is also certified by the National White Collar Crime Center (NW3C), USA, as a Certified Cyber Crime Examiner (3CE) and a Certified Economic Crime Forensic Examiner (CECFE). He is Certified by PECB as a Trainer, a Certified Chief Information Security Officer, and a Certified Lead Forensic Examiner. He also holds other top industry certifications such as Cellebrite Certified Mobile Examiner (CCME), Cellebrite Certified Physical Analyst (CCPA), Cellebrite Certified Operator (CCO), Cellebrite Certified Mobile Fundamentals (CMFF), Mobile Device Investigator (MDI), and many others. He is a Member of the High Technology Crime Investigation Association (HTCIA), and a member of the Computer Technology Investigators Network (CTIN).

He has also led several IT projects as well as multidisciplinary teams, in delivering key projects. He has served as keynote speaker in several professional events. He has made presentations in several universities such as Illinois Institute of Technology (to Cybersecurity Students), University of South Wales (Centre for Policing and Security), Rivers State University, National Open University of Nigeria, etc. He has presented lectures, papers or served in expert panel in several countries such as Nigeria, United States of America, England, South Africa, Wales (Virtual), Vietnam (Virtual), and Ghana. He has facilitated several trainings involving Law Enforcement Agencies, the Military, Judicial Officers, Academia, Nigeria Society of Engineers, Nigeria Computer Society (NCS), Nigeria Environmental Society (NES), etc. His articles have appeared in several portals and

newspapers such as Forbes, Guardian Newspaper, Punch Newspaper, Business Day Newspaper, The Cable, Sahara, and many others.

EDUCATION AND QUALIFICATIONS

University of the Cumberlands, Kentucky, USA <i>PhD Information Technology (CGPA: 3.91/4.00)</i>	2019-2021
University of the Cumberlands, Kentucky, USA <i>Master of Science (MS) in Digital Forensics (CGPA: 4.0/4.0)</i>	2019-2020
University of Port Harcourt, Nigeria. <i>Master's in electrical/Electronic (Telecommunication Option) Engineering</i>	2006-2009
Rivers State University, Nigeria. <i>Bachelor of Technology in Computer Engineering (Second Class Upper Division)</i>	1997-2002

PROFESSIONAL AFFILIATIONS

- ✓ Computer Professionals [Registration Council] of Nigeria
- ✓ High Technology Crime Investigators Association (HTCIA)
- ✓ Computer Technology Investigators Network (CTIN)
- ✓ Council for the Regulation of Engineers in Nigeria (R. 24,858)
- ✓ Fellow, Nigerian Society of Engineers (Member No: 22310)
- ✓ Institute of Electrical Electronics Engineers (IEEE)
- ✓ Member, Nigeria Computer Society
- ✓ Member, Computer Professionals of Nigeria

TRAINING/CERTIFICATION

- ✓ Certified Chief Information Security Officer (CCISO) – EC-Council
- ✓ PECB Certified Trainer
- ✓ PECB Certified Chief Information Security Officer
- ✓ PECB Certified Lead Forensic Examiner
- ✓ Certified Cyber Crime Examiner (3CE) – National White Collar Crime Center (NW3C), USA
- ✓ Certified Economic Crimes Forensic Examiner (CECFE) – NW3C Inc, USA.
- ✓ Cellebrite Certified Mobile Examiner (CCME) - Cellebrite
- ✓ Cellebrite Certified Physical Analyst (CCPA) - Cellebrite
- ✓ Cellebrite Certified Operator (CCO) – Cellebrite
- ✓ Cellebrite Certified Mobile Fundamentals (CMFF) - Cellebrite
- ✓ Belkasoft X Mobile Training Course – Certificate of Achievement – Belkasoft
- ✓ Corporate Investigations with Belkasoft – Belkasoft
- ✓ Incident Investigations with Belkasoft – Belkasoft
- ✓ iOS Forensics with Belkasoft - Belkasoft
- ✓ Mobile Device Investigator – ADF Solutions Inc.
- ✓ Mobile Communication and Cell Forensic Analyst (PhoneLog Browser and BTS Tracker) - SecurCube
- ✓ Certified Device Seizure Mobile Operator (DSMO) - Paraben
- ✓ Certified P2CO – P2C Operator - Paraben
- ✓ Certified Cybersecurity Assurance Professional – Crossbow Labs

- ✓ CyberArk Certified Trustee – Cyber Ark
- ✓ Computer Hacking Forensic Investigator – EC-Council
- ✓ Autopsy Training – Basis Technology
- ✓ Digital Forensics with FRED – Digital Intelligence
- ✓ Social and Behavioral Research – Citi Program
- ✓ Quality Engineering and Management - Technische Universität München (2014)
- ✓ ArcGIS Essentials for Petroleum – Exprodat Consulting, Houston, Texas (2013)
- ✓ ArcGIS Data Management for Petroleum – Exprodat Consulting, Houston, Texas
- ✓ ArcGIS Coordinate Reference System for Petroleum – Exprodat Consulting, Houston, Texas (2013)
- ✓ Wincor Nixdor ATM Repairs and Maintenance – GTBank

EMPLOYMENT RECORD

Digital Footprints Nig. Ltd, FCT Abuja, Nigeria.

(2021 to date)

Designation: CEO/Lead Forensic Investigator

Job description: Oversee strategic operations of the company. Also serve as the Lead Digital Forensic Examiner. The company's main interest is in Digital forensics and Cybersecurity Consultancy. Specifically, our range of services includes Digital Forensics investigation, Incident Response, Cybersecurity consultancy, Data Recovery, Data Destruction and Device Sanitization, Employee misuse and misconduct investigations, Expert Witness and Litigation Services, Training, etc.

Rivers State University, Port Harcourt, Nigeria.

(2019 – Date)

Designation: Lecturer, Computer Engineering Department

Job description: Teach courses in Computer Engineering/Computer Science. Courses taught include Cybersecurity, Data Structures, Computer Networking and Computer Architecture. Supervise and mentor Student Projects and Research, both at undergraduate and graduate level.

Capitol Technology University, USA .

(2023 – Date)

Designation: Dissertation Chair (Contract)

Job description: Serves dissertation Chair of the Cybersecurity PhD Programme.

University of South Wales.

(2022 – Date)

Designation: Visiting Fellow

Job description: Serves as a visiting fellow to the University of South Wales - International Centre for Security and Policing.

Forbes Technology Council.

(2022 – Date)

Designation: Official Member

Job description: Contributes expert insights on Cybersecurity, Cybercrime, and Digital Forensics.

National Open University of Nigeria.

(2022 – Date)

Designation: Adjust Lecturer and Dissertation Mentor for PhD and master's degree (Cybersecurity)

Job description: Lecture Digital Forensics and Incidence Response. Supervisor graduate students project in Cybersecurity and Digital Forensics. This is a volunteer role and is done pro bono.

E-Sense Technologies Ltd, Port Harcourt, Nigeria.

(2008 to date)

Designation: CEO

Job description: Lead the team to drive the vision and shape the strategy. Plan, manage and oversee all projects and personnel of the company. The company's experience covers areas such as Cybersecurity and Digital Forensics, Application Design, ICT Consultancy, etc. Ensure designs are in line with client specifications and other statutory regulations. Oversee the general workforce of the company. Serve as Lead Facilitator for trainings organized by the company in the areas of cybersecurity and digital forensics.

Infoterra Systems Ltd, Port Harcourt, Nigeria.

(2018 to 2020)

Designation: Cybersecurity Consultant and Lead Forensic Examiner

Job description: Lead the team in Cybersecurity Consultancy, Digital Forensics and Data Analytics for several clients. Serve as Lead Facilitator for trainings organized by the company in the areas of cybersecurity and digital forensics.

Delta Systematics Ltd, Port Harcourt, Nigeria.

(2006 - 2008)

Designation: Research & Development

Job Description: Research and Development. Worked with several multidisciplinary teams in a wide range of projects in areas such as Application Design, Environmental Consultancy, Mapping and Geospatial Designs, Remote Sensing, etc.

Guaranty Trust Bank Ltd, Port Harcourt, Nigeria. (Oct. 2005 – Aug 2006)

Designation: Executive Trainee

Job Description: General Banking Operations. Support of ATM machines (Wincor Nixdor). Report spooling and reconciliation of daily ATM transactions.

First Bank Nigeria PLC, Ughelli, Delta State, Nigeria.

(Mar 2005 – July 2005)

Designation: Executive Trainee

Job Description: General Banking Operations. First level support for the banks application (Finacle).

Delta Systematics Ltd, Port Harcourt, Nigeria.

(Sept 2004- Feb 2005)

Designation: Programmer/GIS Analyst

Job Description: Web/Geospatial Application Design and Database Administration. Participated in various environmental projects in Data Management and Environmental Sensitivity Index (ESI) Mapping, Environmental Modeling, and Environmental Assessments.

College of Computer Engineering, Akure, Ondo State (Affiliate of Obafemi Awolowo University, Ife). (2003-2004)

Designation: Lecturer

Job description: Teaching of Computer engineering courses such as Computer Programming, Software Engineering, Computer Architecture, Circuit Theory and Networking. Supervised students project. Taking students through Practical Sessions in Computer Engineering and Networking.

TOOLS PROFICIENCY:

Expert level usage of over 40 Digital Forensic and Cybersecurity Tools, Data Analytic Tools, and many more. Some of the Digital Forensic Tools are listed below:

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| ✓ Cellebrite UFED | ✓ MiTec Windows Registry Recovery |
| ✓ Belkasoft Evidence X | ✓ MiTeC Internet History Browser |
| ✓ OSForensics | ✓ RegScanner |
| ✓ Hancm WITH (MD-Red, MD-Next, MD-Live, etc) | ✓ Arsenal Image Mounter |
| ✓ Paraben E3 Universal | ✓ Rawcopy |
| ✓ Autopsy | ✓ BelkaSoft Live RAM Capturer |
| ✓ Redline | ✓ Paladin Toolbox |
| ✓ FTK | ✓ Metadata 2 Go |
| ✓ NetWitness | ✓ Recuva |
| ✓ Wireshark | ✓ Networkminer |
| ✓ Mobile Device Investigator | ✓ FTK Imager |
| ✓ Passware | ✓ SecurCube Phonelogger |
| ✓ BrowsingHistoryView | ✓ Etc |
| ✓ USB Device View | |
| ✓ Registry Ripper | |
| ✓ Ease Us | |

PAPERS/ARTICLES/TECHNICAL PRESENTATIONS

1. The Vision of 6G Security and Privacy. **Book Chapter. Published by the Institute of Engineering and Technology (IET). Book Title: Security and Privacy Schemes for Dense 6G Wireless Communication Networks.**
2. Cybersecurity and National Security: Background and Contextualization. **University of South Wales (Centre for Policing and Security), United Kingdom.**
3. What, Where, When, Who, and How: Reconstructing Events with Digital Forensics. **Presented at the Nigerian Computer Society Cybersecurity Workshop and Forum.** May 2023.
4. NDPA and Cybersecurity Practice in Nigeria: Prospects, Opportunities and Challenges. **Keynote presented at the International Conference and Workshop, University of Lagos** (October 2023)
5. The African Threat Landscape: Prospects and Challenges. **Presented at the Nigeria Cybersecurity Summit.** May 2023.
6. Facts from Digital Artifacts. **Presented to Cybersecurity Students of Illinois Institute of Technology, Chicago, USA.** March 2023.
7. Digital Forensic Readiness of Cybercrime Investigating Institutions in Nigeria: A Case Study of the Economic and Financial Crimes Commission (EFCC) and the Nigeria Police Force. **Presented at the International Conference on Research in Management and Technovation (ICRMAT 2022), Vietnam.** December 2022.
8. Technological Deployments in Elections: Prospects, Challenges and Opportunities for the 2023 Elections in Nigeria. **Presented at the National Engineering Conference and AGM of the Nigeria Society of Engineers (NSE), ICC Abuja.** November 2022.
9. Lack of Forensic Resources in Nigeria's Financial Crimes Agencies. **Presented at the University of the Cumberlands Research Symposium.**
10. Africa's Chaotic Legal and regulatory Cybersecurity Landscape Require Harmonization. **Published by Forbes** (August 2022).
11. NDPR and the Challenges of Cybersecurity and Digital Forensic Practice in Nigeria. **Presented at the 13th Annual Conference of ISACA Abuja Chapter (AnnCon 2021). 2021.**
12. Managing Cybersecurity Risks In Africa's Emerging Cybersecurity Threat Landscape. – **Presented at the ASIS Sub-Saharan Regional Conference, Abuja. 2023**

13. Mobile Forensic Investigation: Reconstructing Events with Digital Artifacts. **Technical Presentation at the Nigerian Society of Engineers, Port Harcourt Branch, Technical Evening.** January 2022.
14. Electoral Act 2022: Technical Implications, Emerging Risks and Forensic Possibilities – **Published by Business Day Newspaper.** March, 2022.
15. Geospatial Technologies and Waste Management: Case Study of the Rivers State Waste Management Agency. **Published in International Journal of Science and Engineering Applications.** January 2022.
16. Geographic Information System (GIS)-Based Path Loss Model for Southern Nigeria. **Published in Journal of Electronics and Communications Engineering (2021)**
17. Harnessing Technology for Procurement and Implementation amidst Security Challenges – **Presented at the Business Evening of the Association for Consulting Engineering in Nigeria (ACEN), 2021.**
18. Nigeria's Emerging Threat Landscape: Tackling Insecurity Challenges and Innovation – **2021 EGM of the Association for Consulting Engineering in Nigeria (ACEN).**
19. Engineering, Technology, and Innovation: How to Engineer National Growth and Prosperity – **Lecture Presented at the 2021 Induction of New Corporate Members of the Nigeria Society of Engineers, Port Harcourt.**
20. Direction for Government Reliance on Professionals for Public Policies and National Development – **Lecture Presented at the Presidential retreat of the Association for Professional Bodies in Nigeria (APBN), 2021.**
21. Cybersecurity Threats and Counter Measures: Protecting Critical Enterprise Infrastructure – **Presented at the Garden City Premier Business School webinar series, 2020.**
22. Geospatial Technologies and Smart Governance: Prospects and Challenges for Africa - **Paper Presentation at the Africa Geospatial Forum, 2014**
23. Big Data Analytics for the Modern Engineer. – **Paper Presentation at the Nigerian Society of Engineers Technical Workshop (2020)**
24. Africa and the Emerging Risks of Telework – **Published by the African Leadership Magazine (2020)**
25. New Media and Strategic Citizen Engagement - **Paper Presentation at National Workshop on Strategic Communication, Organized by the Office of the National Security Adviser, 2014**
26. Geospatial Application in Waste Management: Case Study of Rivers State Waste Management Authority Geospatial Portal – **Paper Presentation at Nigerian Society of Engineers (PH Chapter) Technical Session (2018)**

27. Web-Based GIS Application for the Rivers State Government in Nigeria: Spatial Component of the E-Service Portal. **Technical Paper Published by Geospatial World Magazine.**
28. Challenges of Mapping Applications in Health and Education in the Under-Developed world: A Case Study of the Niger Delta Region – **First Presented at a workshop organized by Infectious Disease Research Network, London. The paper was later published by GIS Development Magazine** (Now Geospatial World – a leading publication in Geospatial Technology)
29. Revisiting the use of Card Readers in the 2015 Election (An Article **Published by Business Day Newspaper**, November 12th, 2015) - <https://www.businessdayonline.com/revisiting-the-use-of-card-reader-in-the-2015-elections-1/>