

# CURRICULUM VITAE

## TAKPOR, TEMITOPE OLUWATOSIN

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Date of Birth: May 15<sup>th</sup> 1985

Marital Status: Married; Religion: Christianity

### PERSONAL STATEMENT

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A purpose driven individual that is committed to learning extensively, developing skills, enhancing character and making contributions. Possessing the ability to work effectively both as an individual and a team member to achieve outstanding results. Willing to work on challenging projects within an organisation and achieve organisational goals.

### EDUCATIONAL QUALIFICATIONS

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**2008 - 2009 Durham University, Durham UK**

- MSc. Communications Engineering

**2003 - 2008 Covenant University, Ota, Ogun State Nigeria**

- BEng. Computer Engineering – 2:1

**1996 - 2002 Olashore International School, Osun State Nigeria**

- WASSCE (2002) and IGCSE (2001)

### WORK EXPERIENCE

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**Oct 2012 (On-going) Covenant University, Ota, Ogun State Nigeria**  
**Lecturer II (2015) Department of Electrical and Information Engineering**  
**Assistant Lecturer (2012) Department of Electrical and Information Engineering**

- Teaching Areas: Engineering Mathematics III, Electrical Measurements and Instrumentation, Computer Architecture and Organization, and Prototyping Techniques
- Supervision of assigned Undergraduate Projects
- Carrying out other activities as assigned by The Head of Department
- Research Interests: Biomedical Engineering (Imaging and Image Processing – Maternal & Newborn Health), Machine Learning, E-health, Wearables, and Internet of Things (IoT)
- Member of CCERC (Communications and Computer Engineering Research Cluster). Led by Professor Atayero.
- Member of Advanced Signal Processing and Machine Intelligence Research (ASPMIR) Cluster. Led by Professor Adetiba.
- Survey research (2016): “Improvements on Monitoring Cervical dilation Non-invasively: An Indicator of Delivery Progression”.
- PhD proposed topic: “A Cervical Dilation Assessment System Based on Image Processing and Machine Learning Techniques”.

**Mar 2011 – Mar 2012 National Youth Service Corps (NYSC) Place of Primary Assignment  
- United Bank for Africa Plc (UBA), Lagos Nigeria**

**Marketing / Customer Services Department**

- Opening of Account / Re-activation of Dormant Account: informed customers of required documents, checked customers' documents to ensure compliance with bank's policies
  - Listened carefully to customers' needs and enquiries, provided appropriate solutions & information to customers, directed customers to the right desk/staff
  - Informed existing & new customers of bank's products and services
  - Regular feedback report on functioning and non functioning devices & appliances in the branch, and customers' complaints
  - Searched existing account files, filed and entered clients data on the system
- Developed good customer service skills, showed empathy to customers, adhered strictly to bank's core values, policies & regulatory requirements, and paid attention to details

**May 2010 – July 2010 World Mission Agency, Winners Chapel International London UK  
Trainee Finance Officer (Volunteer)**

- Internal auditing: carried out checks & verification exercises on transactions to ensure compliance with policies, procedures & regulatory requirements
- Reconciled suppliers' accounts and this involved calling suppliers to verify transactions
- Coordinated Gift Aid claims on donations
- Called members that made donations via debit card to verify their card details due to errors
- Filed and entered data

Developed good relationship skills with suppliers, colleagues and other members of staff

**May 2007 – Sept 2007 Great Brands Nigeria Ltd, Lagos Nigeria  
Trainee System Engineer (Industrial Training)**

- Set up new computer systems and installed programs on systems
- Wired Ethernet cables and connected systems to the LAN
- Carried out general maintenance on systems and printers
- Kept records of Firm's IT equipment
- Ordered & received IT products from Firm's suppliers

**PROFESSIONAL MEMBERSHIPS**

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- Corporate Member of Nigerian Society of Engineers (NSE), No. **49384**
- Graduate Student Member of Institute of Electrical and Electronics Engineers (IEEE), No. **92563286**
- Member of IEEE Engineering in Medicine and Biology Society
- Member of IEEE Communications Society
- Member of IEEE Women in Engineering
- Member of International Association of Engineers (IAENG) No. **138424**

**KEY SKILLS**

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- Analytical, reasoning and research skills from course works, group projects, and research activities
- Interpersonal, communication, presentation and teamwork

## CORE VALUES

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- Spirituality, Integrity, Responsibility

## CONFERENCES / SEMINARS ATTENDED

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**4-6 Sept 2018 Mandatory Continuing Professional Education Course for Prospective Nigerian Society of Engineers Corporate Members**

- Organized by NSE (Nigerian Society of Engineers)

**Jun 29-1 July 2016 World Congress on Engineering 2016, London UK**

- Organized by IAENG (International Association of Engineers)

**1-3 July 2015 World Congress on Engineering 2015, London UK**

- Organized by IAENG

**2-4 July 2014 World Congress on Engineering 2014, London UK**

- Organized by IAENG

**9-11 May 2016 3<sup>rd</sup> Covenant University International Conference on African Development Issues (CU-ICADI)**

- Organized by Covenant University

**5-6 May 2014 1<sup>st</sup> Covenant University International Conference on African Development Issues (CU-ICADI)**

- Organized by Covenant University

**16 Nov 2013 Research Scholarship and Academic Administration**

- Organized by University of Florida and Covenant University

**Oct 2010 Leadership Diploma Course**

- Organized by Word Of Faith Bible Institute, Winners Chapel

**Jan 2007 International Conference on 3GSM & Mobile Computing**

- Organized by Covenant University, Nigerian Communications Commission and Huawei

## CONFERENCE PAPERS / BOOK CHAPTER

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- Atayero, A. A., Popoola, S. I., **Takpor, T.**, & Badejo, J. A. (2017). "Occupancy controlled lighting system for smart buildings". Proceedings of the World Congress on Engineering and Computer Science 2017 Vol II WCECS 2017, October 25-27, 2017, San Francisco, USA.
- **Takpor, T.**, Ademola, J., Popoola, S. I., Badejo, J. A., & Atayero, A. A. (2017). "Smart Assistive mHealth System for Medication Adherence in Patients with Alzheimer's Disease". Proceedings of the World Congress on Engineering 2017 Vol II WCE 2017, July 5-7, 2017, London, U.K.
- **Takpor T.O.**, Agboje O.E., "Advances in Optical Biomedical Sensing Technology". Proceedings of the World Congress on Engineering 2016 Vol I WCE 2016, June 29 - July 1, 2016, London, U.K. Presented at World Congress on Engineering (WCE) 2016, London, UK, Jun 29-July 1, 2016.

- **Takpor T.O.**, Ndujuiba C., “ECG Biosignal: Vital for Detecting Cardiovascular Diseases”. Proceedings of the World Congress on Engineering 2016 Vol I WCE 2016, June 29 - July 1, 2016, London, U.K. Presented at World Congress on Engineering (WCE) 2016, London, UK, Jun 29-July 1, 2016.
- **Takpor T.O.**, Atayero A.A., “Integrating Internet of Things and EHealth Solutions for Students’ Healthcare”. Proceedings of the World Congress on Engineering 2015 Vol I WCE 2015, July 1 - 3, 2015, London, U.K. Presented at World Congress on Engineering (WCE) 2015, London, UK, July 1-3, 2015.
- **Takpor T.O.**, Atayero A.A., “Advances in Current Techniques for Monitoring the Progress of Child Delivery”. Proceedings of the World Congress on Engineering and Computer Science 2014 Vol II WCECS 2014, 22-24 October, 2014, San Francisco, USA Poster Presentation at World Congress on Engineering and Computer Science (WCECS) 2014, San Francisco, USA, October 2014.
- **Takpor, T.**, & Idachaba, F. E. (2014). Analysis and simulation of LTE downlink and uplink transceiver. Proceedings of the World Congress on Engineering 2014 Vol I, WCE 2014, July 2 - 4, 2014, London, U.K. **Best Paper Award** of International Conference of Computer Science and Engineering.
- **Takpor, T. O.**, & Idachaba, F. E. (2015). LTE Downlink and Uplink Physical Layer. In *IAENG TRANSACTIONS ON ENGINEERING SCIENCES: Special Issue for the International Association of Engineers Conferences 2014* (pp. 387-400). Book Chapter.
- **Takpor, T. O.**, & Atayero, A. A. Integrating Nigerian Citizens’ Secured Health Information With The National Unified e-ID Card. Covenant University International Conference on African Development Issues (CU-ICADI) 2016. *Extended Abstract*.
- **Takpor, T.** (2009). *Implementation and Evaluation of a Zigbee Network*. Lap Lambert Academic Publishing.

## **B.Sc. SUPERVISION (SELECTED PROJECTS)**

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- Development of A Wearable Device for Location Tracking.
- Development of A Medical Reminder System For Pregnancy and Infant Health – An Android Application
- Design and Implementation of A Home Automation System Using Android and Arduino.
- Development of A Mobile Application For Child Health Care and Monitoring
- Patient Medication Reminder Device Using Assistive Technology

## **GRANTS / AWARDS / ACADEMIC LINKAGES**

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- Research Scholarship grant – nominated for the African Biomedical Engineering Mobility Scholarship to University of Cape Town (UCT), South Africa.
- Best Paper Award of International Conference of Computer Science and Engineering, Presented at The World Congress on Engineering (WCE) 2014 London, UK, 2-4 July 2014

- Academic linkages - Durham University, University of Warwick, and Oral Roberts University

## **POSITIONS OF RESPONSIBILITY / INTERESTS / ACHIEVEMENTS**

- 2018-2019 Member, Student Support Programme Committee, Covenant University
- 2018-2019 Partner, Faith Abiola Oyedepo Foundation (FAOF)  
Winners Satellite Fellowship Secretary, Living Faith Church, Faith Tabernacle Ota  
Author, Book titled “Honourable Dressing for the Covenant Woman in a Contemporary World”
- 2017-2019 Member, Faculty Women Advance, Covenant University  
Member, Electrical and Information Engineering Departmental Welfare Committee
- 2015-2017 Mentor, Two David Oyedepo Foundation (DOF) Scholars on Scholarship Programme
- 2014-2016 Member, Committee on International Office and Linkages on MOUs and Collaboration, Covenant University
- 2011-2012 Assistant Zonal Minister (Living Faith Church, Faith Tabernacle)  
Member of Financial Committee (Medical & Social Welfare CD Group, NYSC)
- 2010-2012 Winners Satellite Fellowship Minister (Living Faith Church, Canaanland Ota)  
Participated in coordinating Covenant University Alumni meeting, London UK  
Member of Wisdom Creation Theatre (Theatre Group in Winners’ Chapel London)
- 2008 Awarded Best Corporate Dressed in 2002 Electrical and Information Engineering Graduating Class, Covenant University
- 2002 Awarded Most Honest Student in 2002 Graduating Class, Olashore International School (OIS)  
Participated in Public Speaking Competition at OIS

## **REFERENCES**

- **Professor Aderemi A. Atayero**  
Vice Chancellor, Covenant University  
Professor, Communication Engineering  
Department of Electrical and Information Engineering,  
Covenant University,  
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Canaanland Ota, Ogun State Nigeria  
[atayero@covenantuniversity.edu.ng](mailto:atayero@covenantuniversity.edu.ng)  
+234- 807-8866-304
- **Professor Emmanuel Adetiba**  
Director, Center for Systems and Information Services,  
Professor, Department of Electrical and Information Engineering,  
Covenant University,  
Km. 10 Idiroko Road, Ota,  
Ogun State, Nigeria  
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- **Dr Francis E. Idachaba**

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