

UDEZE CHIDIEBELE CHINWENDU	
Address: No. 4 Igweze Street Awka, Anambra State	Phone No: 08035287365 E-mail: udezechidiebele@yahoo.com
Career Objective	To utilize my knowledge, experiences, technical and organizational skills, in any establishment that deals with my field of study.
Personal Data	Date of Birth : 24 th June 1982 Gender: Male Marital Status: Married L.G.A: Dunukofia State: Anambra Nationality: Nigeria
Education	<ul style="list-style-type: none"> • Ph. D in Computer and Control System’s Engineering. Electronic and Computer Engineering Department, NnamdiAzikiwe University Awka (2010-2013). • M. Eng in Computer and Control System’s Engineering. Electronic and Computer Engineering Department, NnamdiAzikiwe University Awka (2008-2009). • B. Eng in Electrical/Electronic Engineering Department, NnamdiAzikiwe University Awka (2000-2005). • Senior Secondary School Certificate (SSCE). Merchant of Light Special Science School Oba, Anambra State (1996-1999). • Junior Secondary School Certificate (JSCE). Community Secondary School Ukwulu (1993-1996). • First School Leaving Certificate (FSLC). Central School Ukwulu (1988-1993).
Technical Trainings	<ul style="list-style-type: none"> • First Atlantic Semiconductors USA: Training on Verilog for CPLD and FPGAs. (2011) • Specialist Telecom Systems UK: Training on VHDL for CPLD

	<p>and FPGAs. (2010)</p> <ul style="list-style-type: none"> • COMPex Certification on Installation and Inspection of Exd, Exe, Exi, Exm, Exn and other explosive Electrical Equipments used in Oil and Gas Industries (22nd-26th March 2010 @ Petrotex Doha in Qatar). • Basic Programmable Logic Controllers (22nd-24th July 2009 @ Applied Engineering Technology Initiative (29, Alhaji Token Street Alaka Estate Surulere Lagos)). • Advanced Programmable Logic Controllers (7th-11th September 2009 @ Applied Engineering Technology Initiative (29, Alhaji Token Street Alaka Estate Surulere Lagos)). • Electronic Hardware Development Training on Programmable System on Chip (System and Chip Level), Peripheral Interface Controllers (PLC), Printed Circuit Board Design and Production (PCB) and use of Virtual Equipments to Design and Simulate Complex Electronics Systems (Lab View), 28th June-2nd July 2010 @ Hardware Development Laboratory, University of Lagos)
<p>Professional Bodies Membership</p>	<ul style="list-style-type: none"> • Council for Regulation of Engineering in Nigeria (COREN) Membership Number (R. 23,792) • Nigerian Society of Engineers (NSE) Membership Number (25420)
<p>Work Experience</p>	<ol style="list-style-type: none"> 1. Lecturer @ Electronic Department, University of Nigeria Nsukka (February, 2016 till date) <i>Area of Specialisation:</i> Computer and Control Systems Engineering. 2. Electronic Research Engineer @ R & D Department, Electronics Development Institute Awka (November, 2007 January, 2016). <p><u>Key Responsibilities</u></p> <ul style="list-style-type: none"> • Design and Construction of electronic systems, digital systems and control systems. • Programming of embedded systems using assembly language and embedded C. <ol style="list-style-type: none"> 3. SIWES Coordinator @ Electronics Development Institute Awka (2011 till date) <u>Key Responsibilities</u> <ul style="list-style-type: none"> • Recruitment of Industrial Trainee students from various Universities and Polytechnics for IT @ ELDI. • Supervision and training of Industrial Trainee students from various Universities and Polytechnics for IT @ ELDI. • Recruitment of Graduate Trainee students from various Universities and Polytechnics for GT @ ELDI. • Supervision and training of Graduate Trainee students from various Universities and Polytechnics for GT @ ELDI. 4. Trainee Engineer @ Technical Department, Oxygen Plant, Ajaokuta Steel Company Limited, Ajaokuta Kogi State. (August 2006-September 2007). <p><u>Key Responsibilities</u></p> <p>Installation, Calibration and Maintenance of Recorders, Analyzers,</p>

	<p>Transmitters, Manometers and other Pneumatic Instruments.</p> <p>5. Industrial Trainee @ Comrex Electrical and Electronics Awka. (February-August 2004).</p> <p>Key Responsibilities</p> <p>Design, construction and maintenance of automatic voltage regulators, transformers and welding machines.</p>
Research Works and Projects	<ul style="list-style-type: none"> • Re-engineering Data Center Networks for Efficient Web Application Integration in Web Application in Enterprise Organisation (Ph. D Project, May, 2013). • Design and Construction of Microcontroller-based Digital Process Control Trainer with Experiments (M. Eng. Project, October 2009). • Design and Construction of Solar Electric Power System (B. Eng. Project, October 2005). • Design and Construction of Logic Gate Emulator Trainer. • Design and Construction of Data Acquisition Systems, March 2009. • Design and Construction of Computerised Digital Weighing Scale, May 2010. • Design and Construction of Automatic Voltage Regulator, August.
Community Development Services	<ul style="list-style-type: none"> • Member NYSC/National Programme on Immunization CDS Group, Ajaokuta Chapter, Kogi State. • Chairman, committee on Recruitment of Industrial Trainee and Graduate Trainee @ Electronics Development Institute Awka.
Special Skills	<ul style="list-style-type: none"> • Good in virtual Labs like Proteus, MATLAB, and Workbench. • Good inter-personal, communication and organisational skills. • Ability to pass knowledge to others ease. • Ability to work under pressure and tight reporting schedule.
Publications & Conference Papers.	<p>Published Paper in Referred Journals</p> <ol style="list-style-type: none"> 1. Okezie C. C, Inyiama H. C, Nwazor N.O, UdezeChidiebele. C, Microcontroller-Based Universal Stepper Motor Controllers, International Journal of Electronic and Electrical Engineering (IJEET), Volume 5, Number 1 (2012), pp. 69-82. 2. UdezeChidiebele .C, Okafor Kennedy .C, Prof. H.C. Inyiama, Dr C.C. Okezie, A Conceptual Design Model for High Performance Hotspot Network Infrastructure (GRID WLAN), International Journal of Computer Science and Application (IJACSA) Volume 3, Number 1 (2012), pp. 93-99. 3. UdezeChidiebele. C, Uzede Godwin, Prof. H. C. Inyiama, Dr, C. C. Okezie, A Cost-Effective Approach to the Design and Implementation of Microcontroller-based Universal Process Control Trainer, International Journal of Computer Science and Application (IJACSA) Volume 3, Number 1 (2012), pp 142-147. 4. UdezeChidiebele .C, Prof. H.C. Inyiama, Okafor Kennedy .C, Dr C.C.

	<p>Okezie, Effective Security Architecture for Virtualized Data Center Networks. <i>International Journal of Computer Science and Application (IJACSA)</i> Volume 3, Number 1 (2012), pp 142-147.</p> <ol style="list-style-type: none"> 5. Prof. H. C. Inyama, UdezeChidiebele .C, Dr. C. C. Okezie, Okafor Kennedy .C, MATLAB SimEvent: A Process Model Approach to Event-Based Communication Network Design (A Case for Reengineered DCN), <i>Journal of Basic and Applied Scientific Research (JBASR)</i>, Volume 2 Number 5 (2012), pp 5070-5080. 6. Okafor Kennedy .C, UdezeChidiebele .C, Prof. H. C. Inyama, Dr. C. C. Okezie, Virtualization: A Cost-Effective Approach to Infrastructure Management in Data Center Networks, <i>Journal of Basic and Applied Scientific Research (JBASR)</i>, Volume 2 Number 5 (2012), pp 4910-4920. 7. UdezeChidiebele .C, Prof. H.C. Inyama, Okafor Kennedy .C, Dr C.C. Okezie, QoS Parameters Investigation and Load Intensity Analysis (A case for Reengineered DCN). <i>International Journal of Computer Science and Application (IJACSA)</i> Volume 3, Number 5 (2012), pp 87-96 8. UdezeChidiebele .C, Prof. H.C. Inyama, Okafor Kennedy .C, Dr C.C. Okezie, Smart Grids: A New Framework for Efficient Power Management in Data Center Networks. <i>International Journal of Computer Science and Application (IJACSA)</i> Volume 3, Number 6 (2012), pp 59-66. 9. Christiana. C. Okezie, UdezeChidiebele. C, Okafor Kennedy .C, Performance Evaluation of a Reengineered Data Center Network Using a Link State Protocol Implementation, <i>Academic Research International</i>, Volume 3, Number 1, July 2012, pp 421-431. 10. Christiana. C. Okezie, UdezeChidiebele. C, Okafor Kennedy .C, Cloud Computing: A Cost-Effective Approach to Enterprise Web Application Implementation (A case for web ERP model), <i>Academic Research International</i>, Volume 3, Number 1, July, 2012, pp 432-443. 11. Okafor K. C, Udeze C.C, Okafor C.M. ISCloud V.1.0: An Interactive Cloud Shopping Cart Based on Software as a Service Computing Model with Hybrid Cryptographic Algorithm, <i>International Journal of Engineering and Computer Science</i>, Volume 2 Issue 6 June, 2013, pp 1727-1738. 12. Okafor K. C, Udeze C.C, Okafor C.M. A Literal Synthesis Algorithm for High Process Regulation in ICOFLS. <i>International Journal of Engineering and Computer Science</i>, Volume 2 Issue 6 June, 2013, pp 1739-1754. 13. Udeze C.C, Okafor K. C, Nwafor C.M. Abarikwu A.C. An Econometric Investigation on the Impact of ICT in the Business Processes of the Financial Institutions in Developing Countries, <i>International Journal of Engineering and Computer Science</i>, Volume 2 Issue 6 June, 2013, pp 1755-1765. 14. Okafor K. C, Udeze C.C, Nwafor C.M. Abarikwu A.C. IWAN: An Implementation Model for High Density Intranet Communications (A
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Case for ELDI), International Journal of Engineering and Computer Science, Volume 2 Issue 6 June, 2013, pp 1766-1776.

15. Christiana. C. Okezie, Okafor Kennedy .C, **UdezeChidiebele. C** Performance Analysis of a Smart Infrastructure Model for E-Governance Integration, Academic Research International, Volume 4, Number 4, July 2013, pp 219-231.
16. Christiana. C. Okezie, Okafor Kennedy .C, **UdezeChidiebele. C** Openflow Virtualization: Declarative Infrastructure Optimization Scheme for High Performance Computing, Academic Research International, Volume 4, Number 4, July 2013, pp 232-244.
17. Ezennaya S. O. **Udeze C. C**, Okafor Kennedy .C, Onyedikachi S.n, Anierobi C.C. QoS Smart Grid Network Transmission Line RLC Modelling Using Random Powerline Synthesis Scheme. International Journal of Computer Science and Application (IJACSA) Volume 4, Number 6 (2013), pp 298-306
18. Okoyedike N.M; Nzeako A.M; Okezie C.C; Okafor K.C; **Udeze C.C**, ICOFLS: An Alternative Design Approach to an Intelligent Change Over Based on Fuzzy Logic Controller for domestic Load Management. International Journal of Advanced research in Artificial Intelligent.(IJARAI) Volume, Number 5 (2012), pp 16-21.
19. K.C. Okafor, **C.C, Udeze**, F.N. Ugwoke, M. Akura & O.V. Okoro (2013). SmartGreen: A Novel Green Computing Architecture for Environmental Data Acquisition in IT/Automation DataCenter. Afr J. of Comp & ICTs. Vol 6, No.5. Pp 43-52.
20. K.C. Okafor, C.M. Nwafor, F.N. Ugwoke & **C.C. Udeze** (2013). A Novel Security Integration for Vulnerability Avoidance in Enterprise Cloud Applications (CloudERP). Afr J. of Comp & ICTs. Vol 6, No. 5. Pp 219-230.
21. I.M. Onwusuru, C.S. Uka and **C.C. Udeze** (2013). Utilization factors of Mobile Communication Technology (MCT) for Creating Opportunities for Reflection and Collegiality for Professional Development Purpose of Technology Teachers in Anambra State of Nigeria. Afr J. of Comp & ICTs. Vol 6, No. 3. Pp147-.152
22. **C.C.Udeze**, K.C. Okafor, C.C. Okezie, O.N. Okeke (2013). Performance Evaluation of OpenflowVlan Strategy in Data Center Switched Ethernet. Afr J. of Comp & ICTs. Vol 6, No. 3. Pp63-72
23. **Udeze C. C**, Okafor K.C, Ugwoke N. F & Onwusuru I.M (2013). An Evaluation of Legacy 3-Tier Datacenter Networks for Enterprise Computing Using Mathematical Induction Algorithm. Computing, Information Systems & Allied Research Vol. 4 No. 4.
24. Okafor N. I, Okafor K. C, Ugwoke F. N & Onwusuru I. M, **Udeze C.C**. (2013). 3-Tier-Comp; A Novel E-commerce Management Portal Based on Secured SDLC Approach. Computing, Information Systems & Allied Research Vol. 4 No. 4.
25. Uzedhe O. Godwin, Prof. H.C Inyama, **UdezeChidiebele .C**, MbonuEkene S (2013). Microcontroller Based Real-Time Emulator for Logic Gate and Structured Logic Devices. International Journal of Science and Technology. Vol. 2, No. 8, Pp 639-647.

26. K.C. Okafor, C.C. Okezie, **C.C. Udeze**, N. Okwuelu (2013). SMART IDS: An Enhanced Network Security Model in IP-MPLS Based Virtual Private Network. Afr J. of Comp & ICTs. Vol 6, No. 3. Pp135- 146.
27. Okafor N. I, Okafor K.C, **Udeze C.C.**&Onwusuru I. M. Ugwoke F. N. 3-TIER E-COMP: A Novel E-Commerce Management Portal Based on Secured SDLC Approach. Computing, Information Systems, Development Informatics & Allied Research, Vol. 4 No. 4 Dec. 2013, pg 1-11.
28. Ugwoke F.Okafor K.C, **Udeze C.C.**&Onwusuru I. M. H.C. InyamaCharacterisation of Hotspot Coverage Plan in 2.4/5GHZFrequency Band (NnamdiAzikiwe University, Nigeria, as a case study). Computing, Information Systems, Development Informatics & Allied Research, Vol. 5 No. 1 March. 2014, pg 77-94.
29. Ugwoke F.Okafor K.C, **Udeze C.C.**&Onwusuru I. M. Using Software Engineering Approach in Mitigating QoS Challenges in Mobile Communication Networks in Nigeria. Computing, Information Systems, Development Informatics & Allied Research, Vol. 5 No. 1 March. 2014, pg 131-148.
30. Okafor K .C, **Udeze C.C.**,Ugwoke F.N, ObinnaIfesinachi, OkwueluNnaemekaAFIM: A High Level Conceptual ATM Design Using Composite Formal Modelling With Capture Simulation Pattern Matching Technique. International Journal of Scientific & Engineering Research, Volume 5, Issue 4, April-2014, pg. 755-761.
31. Azubuogu A.C.O, Ochi Josiah .C, Ugwoke F.N, Okafor K.C, **Udeze C.C.**L4-DMF: An Enhanced Self Adaptive Congestion Control Mechanism in Layer-4, a Simulation Validation International Journal of Scientific & Engineering Research, Volume 5, Issue 2, February-2014. Pg. 179-186.
32. K.C. Okafor, **C.C. Udeze**, F.N. Ugwoke, O.V. Okoro, & M. Akura, SmartGreen: A Novel Green Computing Architecture for Environmental Data Acquisition in IT/Automation DataCenter, Vol 6. No. 5, December 2013 African Journal of Computing & ICT. Pg.43-52.
33. Okezie C.C, Ugwoke F. N, Okafor K.C, **Udeze C.C.**, Ochi Josiah .C. Synthesis Algorithm for Layer 4 Dynamic Modulation Feedback (L4-DMF) Protocol in FA-WLAN.International Journal of Scientific & Engineering Research, Volume 5, Issue 2, February-2014, pg.187-193.
34. Okafor K.C, **Udeze C.C.**, Ugwoke F.N, Ochi Josiah .C, Okwuelu Nnaemeka. An Investigation on TCP Sack Congestion Control on University of Nigeria Lionet Hotspot. International Journal of Scientific & Engineering Research, Volume 5, Issue 4, April-2014, pg. 762-770.
35. K. C Okafor, Ugwoke, F. N, **Udeze, C. C.**,Okezie, C. C, O. U Oparaku, Gateway load balancing service in cloud data centre environments

using throughput metric index. American Journal of Computation, Communication and Control April, 2014; Volume 1, No 1: 8-17.

36. K.C.Okafor, Ugwoke,F.N, **C.C Udeze**, I.O. Okeke, O.U. Oparaku. Design Specification for Cloud Energy Metering System (CEMS): Models, Algorithms and Design Dimensions for Renewable Energy Grid. African Journal of Computing & ICT. Vol 7. No. 2 - June, 2014.
37. F.N. Ugwoke, K.C.Okafor, I.M Onwusuru, **C.C Udeze**.Leveraging Cloud Computing Framework for Smart Education Integration in Nigerian Universities. Progress In Science and Engineering Research Journal Vol.02, Issue: 02/06 March-April; Page(s) 392-406.
38. O.U Oparaku, F.N.Ugwoke, K.C Okafor, **C.C Udeze**,I.O.Okeke, A Novel Framework for Cloud Energy Metering System (CEMS) in Solar PV Plant. African Journal of Computing & ICT. Vol 7. No. 2 - June, 2014.

Papers Presented in National and International Conferences

1. **UdezeChidiebele. C**,Okezie Christiana. C, Okafor Kennedy. C, Leveraging on Smart Grid Architecture for Dynamic Power Provisioning in Nigeria: A Case for Transmission RLC Modelling, In Proceedings of the 2012 National Conference on Infrastructural Development and Maintenance in the Nigerian Environment, August 27-28, 2012. Pp 253-265.
2. M. C Ndinechi, K. C Okafor, **C. C Udeze**, Trusted Cashless Cloud: A Flexible Approach for the New Cashless Society, Conference Proceedings of the 24th National Conference of the Nigeria Computer Society (Volume 23), 25-27, July, 2012, page 66-73.
3. M. C Ndinechi, K. C Okafor, **C. C Udeze**, E-Governance Smartnotice: A Wireless RF Proxemic Display System, Conference Proceedings of the 11th International Conference of the Nigeria Computer Society, 24-26, July, 2012, page 67-72.
4. K. C Okafor, **C. C Udeze**, M. C Ndinechi, SMARTSIM: An Improved Model of E-Voting System Based on Biometric Encryption, Conference Proceedings of the 11th International Conference of the Nigeria Computer Society, 24-26, July, 2012, page 114-121.
5. K. C Okafor, M. C Ndinechi, **U. C. Chidiebele**, UchennaOnwe, O.A. Ogungbero, K-Enterprise Spyware Robot (K-spyr.1): A Tool for Digital Evidence in Computer Forensics. In Proceedings of the 2012 IEEE 4th International Conference on Adaptive Science & Technology (ICAST), 25-27th October 2012, Knust Campus Kumasi Ghana.
6. K.C. Okafor, Prof. O. U. Oparaku, I.M Onwusuru, F.N Ugwoke, **C.C Udeze**, Cloud Energy Metering System (CEMS): Leveraging Low latency Processors. In proceedings of the 4th Annual & International

	<p>Conference of Renewable & Alternative Energy Society of Nigeria (RAESON)- Renewable Energy For Infrastructural Development, Imo State University, Owerri, Nigeria, February 23rd-26th, 2014.</p>
Referees	<p>Engr. Prof. C .C Okezie Head of Department, Mechanical Engineering, Nnamdi Azikiwe University Awka 08032266191</p> <p>Engr. Prof. H.C. Inyama Department of Electronics and Computer Engineering NnamdiAzikiwe University Awka 08034701121</p> <p>Engr. Dr. Nonso H. Achebe Department of Mechanical Engineering, NnamdiAzikiwe University Awka 08036662053</p>