

Engr. Tersoo Kelechukwu Genger

Date of Birth: 10 September 1982

Sex: Male

Marital Status: Married

Address: 8 David Mark By-Pass Extension High Level, Makurdi, Benue

Mobile: +2348050966112, +2347080466308

Email: lktersoo@yahoo.com, lktersoo@gmail.com

PROFESSIONAL SKILLS

Operating systems	Administration of DOS, Windows 8/7/ Vista/ XP/ 98, Ubuntu, Solaris, Linux
Programming Languages	Java, C/C++, XML, XSLT, PLSQL, SQL, VHDL, Visual Studio
Database	Oracle 10g and 11g, MySQL Server, Ms. Access
Web Technologies	HTML, AJAX, PHP, JSP, and JavaScript, CSS, XML, EJB, JSTL, GlassFish, Java Servlets, WAMP, LAMP, ASP.
Others	Microsoft office, LaTeX, Configuring Virtual machines, WEKA.

EDUCATION AND QUALIFICATION

MSc (Distinction) Computing Information Engineering, Robert Gordon University (2011-2012) Scotland, United Kingdom.

Dissertation: Computer Modeling of Chaotic Systems (Oil Market).

Implementation of a software tool to aid the study of chaos theory in the context of the oil market. Simulating movement of oil prices (crude oil) in an attempt to identify chaos when it exists.

Key Modules: Adaptive Intelligent Systems, Electronic Commerce, Data mining, Java Programming, intelligent web technology, Databases Research skills(Usability, Intellectual Property and Statistical Analysis) Distributed Systems with J2EE implementation and Project Investigation.

BSc (HONS) Computer Engineering, Near East University (2006-2009) Turkish Republic of Northern Cyprus.

Dissertation: ROM (Read only Memory) simulation using VHDL (VHSIC Hardware descriptive language).

RELEVANT WORK EXPERIENCE

2014-Date Federal University of Agriculture, Makurdi, Benue State

Role: Lecturer II Electrical and Electronics Engineering

2014-2016 NIGERIAN ARMY INSTITUTE FOR TECHNOLOGY AND ENVIROMENTAL STUDIES

Role: PART TIME LECTURER Computer Engineering Technology

2012-2014 X000 DATA LIMITED

Role: Senior Programmer

Responsibilities

- ❖ Responsible for interacting with clients to produce user requirements.
- ❖ Responsible for UML, Use Case and Sequence Diagrams
- ❖ Writing, Debugging and Testing of codes.
- ❖ Website building using HTML5, AJAX, PHP, Javascript, CSS.

2009-2010 INVESTMENTS AND SECURITIES TRIBUNAL

Role: I.T Support Staff (NYSC)

- ❖ Consumable replacement and basic maintenance such as replacing toner, screen cleaning.
- ❖ Installation of new equipment and software, as well testing software and hardware for compatibility

2006-2009 NEAR EAST UNIVERSITY COMPUTER CENTRE

Role: Student Support Staff

- ❖ Installation of new equipment and software, as well as software updates.
- ❖ Day to day set-up of computers, network components and connections.
- ❖ Regular backup and ensuring recovery capability.

2005-2006 AFRICAN PETROLEUM PLC

Internship

10 months internship in the Finance department, Responsibilities included

- ❖ Networking of computers for internet purposes.
- ❖ Troubleshooting and general repairs on computers
- ❖ Input and management of account data.

VOLUNTARY WORK

Summer 2011-2012 Conference Management System an international software development between RGU UK and IITB India

Project Details: A project developed through Agile Software Development Methodology (Scrum). I was part of the development team comprised of 6 MSc students (3 from each institution). Daily stand-up meetings were held locally and three times a week with members in different geographical location through Skype and Facebook.

Role: ScrumMaster/Software Developer

Responsibilities:

- ❖ As Scrummaster, I was responsible for ensuring scrums occur, organizing sprint planning meetings and retrospectives.
- ❖ Communicate with team members and product owner.
- ❖ Assign tasks to team members which include designing, coding, building testing and managing software to meet requirements.

Tools Used: Eclipse Helios, Heidi SQL, MySQL Apache Tomcat, HMTL, JSTL, JSP, JAVA.

TRAINING

Nigerian Universities Electronic Teaching and Learning Platform

PUBLICATIONS

- ❖ T.K. Genger, T.J. Anande, S. Al-Shehri, "Computer Simulation of Chaotic Systems", International Journal of Applied Information Systems. International Journal of Applied Information Systems. Volume 12 - No. 1, April 2017
- ❖ M. Abunku, T.K. Genger, and P.I. Udenze, "Developing a Model for a CHP System with Storage", American Journal of Engineering Research, Volume-5, Issue-4, pp-15-27, 2016.
- ❖ T.K. Genger, D.O. Agbo, P.I. Udenze, "Design and Construction of a Microcontroller Based Pick and Drop Robotic Arm ", International Journal of Modern Trends in Engineering and Science, Volume-3, Issue-1, pp-18-22, 2016.
- ❖ T. J. Anande, T.K. Genger, J.U. Abasiene, "Combating Kernel Rootkits on Linux Version 2.6 (Analysis of Rootkit Prevention, Detection and Correction)", International Journal of Applied Information Systems. Volume 10 - No. 8, April 2016.

- ❖ T. J. Anande, S. Al-Shehri, T.K. Genger, "Design and Development of a Diabetes Management APP on Android" .)", International Journal of Applied Information Systems. Volume 10 - No. 10, May 2016.
- ❖ T. K. Genger, T. J. Anande, M. Abunku, "Design and Construction of a Low Cost Luggage Detector using Radio Frequency Identification (RFID)" International Journal of Advance Engineering and Research Development (IJAERD) Volume 4 (7)
- ❖ T. K. Genger, Olutu, J. O. Odinya, "Design and Implementation of a Pick and Place Robot for Flexible Manufacturing System (FMS)" " International Journal of Advance Engineering and Research Development (IJAERD) Volume 4 (7) page 391-400.
- ❖ M. Abunku, T. J. Anande, T. K. Genger, "Design and Development of a Voltage Optimization Device" International Journal of Advance Engineering and Research Development (IJAERD) Volume 4 (7).
- ❖ S. N. Iwal, T. J. Anande, T. K. Genger, "Data Mining using WEKA Tool for Internally Displaced Persons Dataset in Northeastern Nigeria" International Journal of Advance Engineering and Research Development (IJAERD) Volume 4 (7).

ACHIEVEMENTS

- ❖ Best Lecturer 2013/2014 Academic Session (Nigerian University Engineering Students Association)
- ❖ Class prize for the highest academic achievement in MSc Computing: Information Engineering Session 2011/2012
- ❖ Recipient of the 2010-2011 NITDA AWARD (National information and Technology Development Agency) Best Student from Benue State

References

Engr. Prof. J. U. Agber
 Electrical and Electronics Department
 University of Agriculture, Makurdi
 Benue State
 Email address: juagber@uam.edu.ng
 Phone number: 08053020181

Dr David Ionie
 Lecturer IT for the Oil and Gas Industry
 Course Leader
 Robert Gordon University, Scotland UK
 Email address: d.p.ionie@rgu.ac.uk
 Phone number: 01224 262705