



IGBOANUSI IKECHI SAVIOUR

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I have a high affinity for numbers and can make complex calculations and analysis.
I can work efficiently under pressure and I believe that there is nothing impossible.
I am also self-motivated hence will need little or no supervision to do an excellent job.
I work very well with people and have led several organizations at various capacities and that has taught me what is expected from a leader and a follower.

PERSONAL DETAILS

Date of birth: 20th May 1990

Sex: Male

LGA of Origin: Oru-East

State of Origin: Imo

Nationality: Nigerian

Languages: English, Igbo, Korean and Hausa

Education and qualifications

Kumoh National Institute of Technology. M.Eng IT Convergence Engineering 2018 to 2020. First Class

Master's Thesis: VLC-UWB Hybrid (VUH) Network for Indoor Industrial Robots at Military Logistic Centers.

Federal University of Technology Owerri (FUTO). B.Tech Physics (Electronics Option) 2008 to 2013. Second Class Honors

Final year project: Construction and testing of a phone-controlled gate system.

Government Secondary School Owerri. 2002 to 2008.

O level (West African Examination Council) Mathematics(A1), Igbo language(B2), English language(C6), Physics(C6), Geography(B3), Biology(B3), Chemistry(B3)

Model Primary School New Owerri. 1996 to 2002.

State Common Entrance on English language, Mathematics, Quantitative Reasoning and Verbal Reasoning =87% average

IELTS 2021 = 8.0/9.0

TOEIC 2019 Listening and Reading 900/990

GRE 2016 305/340

WORK EXPERIENCE

-Network System Laboratory, Kumoh Institute of technology, March 2018 to date Researcher.

-EMI SYSTEMS, October 2017 to February 2018 Technician.

-Veronica Farm August 2016 to August 2017 Farm/technical Manager.

- Nigeria Ports Authority, May 2016- July 2016 Hydrographer.
- Government Girls Day Secondary Hadejia June 2015 to April 2016 (NYSC) Physics teacher for Senior Secondary Classes.
- GAP Graphics March 2014 to April 2015 Marketing Manager, Imo state branch.
- Power Holding Company of Nigeria (transmission) June 2012 to November 2012 Industrial Training.
- Power Holding Company of Nigeria (distribution) September 2009 to November 2009 Industrial Training.

Skills in computer and Programming

- Familiar with Windows, Mac, and Linux Operating Systems
- Computer operating system installation.
- Computer cloning and data migration.
- Ram and storage installation and upgrade.
- Python programming language skill for LSTM machine learning (deep neural networks) using TensorFlow and Keras,
- SQL and MongoDB for database manipulation,
- R language for big data analytics,
- LaTeX and MS Word for text editing,
- PowerPoint for Image making presentation and animation,
- Excel for spreadsheet,
- HTML and CSS for web design.

Skills in Physical networking

- Effective use of cable comb to ensure neat arrangement of connection wires.
- Use of cable ties.
- Use of network toner and probe to trace network cables.
- Strong bookkeeping skill which is necessary for wire labeling.
- Use of cable reels, shears, and stripping tools.
- Efficient use of drilling machines and use of proper bit.
- Use of Panduit termination tool.
- Efficient in the use of RJ45, RJ11, and RJ22 clipper.
- Good with cat5, cat5e, cat6 and cat6a stripping and termination.
- Installation of cat 5, cat5e, cat6 and cat6a to wall socket.
- Knowledge of AC and DC circuits
- Applied mathematics and problem solving analysis.
- Wireless access point installation, such as Wi-Fi routers, USB Wi-Fi and Bluetooth.
- I read equipment manuals of new products to know their dynamics.
- Television cable and satellite installations.
- General CCTV camera and spy camera installation.
- Door access control installation.
- Security alarm installation.
- Door bells installation.
- Wired and wireless computer networking.

Skills in network software

- Network computer software such as Solarwinds networks performance monitor,
- Wireshark,
- Team viewer,
- Anydesk,
- MATLAB and basic Simulink,
- OPNET for network simulation,
- Ethereum Private Blockchain development.

Other skills

speaking: I have confidence talking in front of people, like in conferences or meetings. I also find it easy to make new friends. I have represented my Lab in four international and local conferences.

Language: Good level of written and spoken Igbo and English Language. Amateur in Korean language and Hausa Language.

Others: Full, clean Driver's License and International Passport.

LEADERSHIP

I work very well with people and have led several organizations at various capacities and that has taught me what is expected from a leader and a follower.

- **Group Leader:** I served as a group leader in a 3D printing project leader in Networked System Lab. In this position I am responsible to coordinate the activities of other group members to achieve a timely and successful completion of the project.
- **President:** I served as president of St. Vincent de Paul FUTO conference for one year (2010-2011). In this position I organized meetings, organized charity and social activities, and represented the conference in higher council meetings.
- **Treasurer:** I served as treasurer of IEEE student branch FUTO from 2011-2012. In this position I was in charge of the fund for practical and tutorials.
- **Public relations Officer (PRO):** I served as PRO of the Catholic Youth Organization of Nigeria (CYON), from 2013-2016. In this position I was responsible for the circulation of information among members, and society activity to the public.
- **Secretary:** I served as secretary of Agro-allied Community Development Society (CDS) during my National Youth Service Corp (NYSC) 2015-2016. In this position I was responsible for keeping record of the society's discussions and activities.
- **Provost:** I served as the provost of station CYON from 2016-2018. In this position I was responsible for maintaining peace and order during youth activities. I have also headed many committees to achieve their various goals.
- **Project leader:** I lead a 3D monitoring project 2020- 2021. In this position I was responsible in coordinating the activity of the project member's to achieve a 3D monitoring for Conception Company.

ACTIVITIES AND INTERESTS

Enjoy Coding, Reading, Playing football (Soccer), Scrabble, Listening to music, and Cycling.

**CONFERENCE
AND JOURNAL
PUBLICATIONS**

1. **Ikechi Saviour Igboanusi**, Kevin Putra Dirgantoro Jae-Min Lee and Dong-Seong Kim, "Blockchain Side Implementation of Pure Wallet (PW): An Offline Transaction Architecture", *ICT Express Journal*, 2021.
2. **Ikechi Saviour Igboanusi**, Jae-Min Lee and Dong-Seong Kim, "Blockchain Adoption in Rural Area: The role of Internet Penetration", *KICS Winter Conference 2020*, Yongpyeong, South Korea, pp.1,207 - 1,210, August, 2020. (Presented and published)
3. **Ikechi Saviour Igboanusi**, Jae-Min Lee and Dong-Seong Kim, "Field Based Traffic Load Balancing for Industrial Wireless Sensor Network", *24th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA), Zaragoza, Spain, September 10-13, 2019. (Presented and published)*
4. **Ikechi Saviour Igboanusi**, Cosmas Ifeanyi Nwakanma, Jae Min Lee and Dong-seong Kim, "VLC-UWB Hybrid (VUH) Network for Indoor Industrial Robots at Military Warehouses / Distribution Centers", *The 10th International Conference on ICT Convergence October 16-18, 2019 / Ramada Plaza Hotel, Jeju Island, Korea, (Presented and published)*
5. **Ikechi Saviour Igboanusi**, Nwadiugwu Williams Paul Chukwuka, Jae Min Lee, and Dong-Seong Kim, "Performance Analysis of VLC-UWB Hybrid (VUH) Network for Indoor Device Connectivity", *KICS Winter Conference 2019, Yongpyeong, South Korea, pp.1,496 - 1,498, January 23-25, 2019. (Presented and published)*
6. **Igboanusi Ikechi Saviour**, Dong-Seong Kim, "Industrial Application of Internet of Thing (IoT) for Cost-effective Railway Maintenance System", *2018 Korean Institute of Communications and Information Sciences (KICS), JeJu Island, South Korea, pp.0258-0259, June, 2018. (Presented and published)*
7. Mohtasin Golam, **Ikechi Saviour Igboanusi**, Jae-Min Lee and Dong-Seong Kim, "Reliable Communication Using Orbital Angular Momentum with SWIPT for Military Networks", *The 10th International Conference on ICT Convergence October 16-18, 2019 / Ramada Plaza Hotel, Jeju Island, Korea. (Presented and published)*
8. Williams-Paul Nwadiugwu, **Igboanusi Ikechi Saviour** and Dong-Seong Kim, "Real-time Power-splitting with Relay Selection Scheme for Wireless Multi-terminal DF-UWB Relay Network", *In 15th ACM International Symposium on Performance Evaluation of Wireless Ad Hoc, Sensor, & Ubiquitous Networks (PE-WASUN'18), pp. 9-16, Montreal, QC, Canada, tober 28-November 2, 2018. (Presented and published)*