Okonkwo, Thomas

Software and Data Engineer

Phone: (+234) 8154992728

Location: Lagos, Nigeria

Main: thomasokonkwo91@gmail.com

Social Media:

EDUCATION

University of Lagos, Akoka, Nigeria.   **SEPT. 2013 - JAN. 2018**

B.Sc Electrical and Electronic Engineering   [*2nd. Class Upper*]

SKILLS

Streaming: Kafka, Elasticsearch   **BigData platform:** MapR

Backend: Java (Spring Boot, Spring Webflux), REST, Python, JavaScript (React)

Infrastructure: Kubernetes, Docker, Jenkins, Fortify Security Scan

Miscellaneous: Algorithms, Big Data, Machine Learning

Languages: English, Yoruba, Igbo, French (Limited working proficiency)

Others: Hadoop, Apache Drill, Apache Spark, ActiveMQ.

EXPERIENCE

Interswitch Group: V.I, Lagos — *Software Engineer*   **JAN. 2020 - PRESENT**

- Developed credit transfer middleware for banks in order to increase their overall inward transfer success rate across multiple payment channels
- Built and designed core banking application (REST) to serve as mock for the middleware application

Interswitch Group: V.I, Lagos — *Data Engineer (Intern)*   **SEPT. 2018 - SEPT. 2019**

- Worked as a member of a team that develops and implements advanced algorithms and data pipeline that extract, classify, merge and deliver insights and business value out of heterogeneous structured and unstructured data sets.
- Wrote spark jobs which involved copying data from different sources into MapR DB, jobs for streaming data in real-time (spark structured streaming).

Arclights Limited: Lekki, Lagos — *Robotics Engineering Intern [Arclights Foundation]*   **JULY. 2016 - DEC. 2016**

- Designed, assembled, built and programmed robots to perform specific tasks.
- Tutored secondary school kids on how to build and program robots to prepare them for the National Robots Olympiad and World Robots Olympiad
- I was assigned to be the Judge in the annual National robots Olympiad, NRO 2016

COMMUNITY SERVICES AND AWARDS

Pro-Edge ("Go Pro from Uni" Edition): Lagos — *Facilitator*   **July. 2019**

- I had the privilege to teach and enlighten young people on machine learning in a 3-day workshop - how they can use machine learning to solve societal problems and predicting market trends with hands-on examples.
- Joined the media and communication team in writing articles and proper publicity of the 3-day seminar/workshop
  LinkedIn: Testimony of one of the students

Certificates of completion — *Udemy*

- Machine learning algorithms, Softwares and deep learning [*Udemy*]
- Business Continuity Management System Awareness - [*interswitchgroup.com*]
- GoLeanSixSigma.com Yellow Belt [*GoLean six sigma*]

Society of Electrical/Electronic Engineering Society: Nigeria — *President*   **NOV. 2016 - NOV 2017**

- Organized a field trip to Nigeria's Largest Power plant station, Egbin and the University of Lagos power station which was then included in the University's curriculum as a compulsory tour for all Electrical/Electronics and Computer Engineering students.
- Partnered with Vapo, a company that specializes in a cloud-based integrated solution for travel and visa application, to provide internship opportunities for students in Engineering.
- Established a committee in partnership with the Nigerian Institution of Mechanical Engineers (NImechE) to organize an annual event on Power safety, Agriculture and Mechatronics in Nigeria.
- Collaborated with HolidayHub Nigeria to host a training session: "Think outside the Box", A 3-Day training focused on training students on Business Development, Project management and application of computer programming in the industry.
- Organized departmental games (chess, football, scrabble, video games. volleyball, basketball, athletics) for the students in the department.