PERSONAL INFORMATION

Olusanya Awoyele

📍 August Riedel str 5, 95448. Bayreuth, Germany.

📞 +4915213336759

✉ theophilusawoyele@gmail.com

Github: https://github.com/Tiofilos

EDUCATION

(In View)   **Master of Science (**Software Engineering**)**
Staffordshire University, Stoke on Trent, England

(31.03.2020)   **Master of Science (**Global Change Ecology**)**
University of Bayreuth, Bayreuth, Germany

(31.07.2012)   **Bachelor of Science (**Geography**)**
University of Ilorin, Ilorin, Kwara state, Nigeria

WORK EXPERIENCE

(01.03.2020 – 01.09.2021)   **Research Assistant / spatial analyst (Project DiMoC – Funded by BiodivERsA3 ERA-Net & DFG)**
Faculty of Biogeography, University of Bayreuth, Germany
Role
▪ Assisting the research group in analysing the diversity components of Mosquito-borne diseases under climate change.
▪ Using machine learning algorithm (MAXENT) in R to predict area at risk of mosquito-borne disease transmission
▪ Post-processing model output from R to create high resolution maps, using QGIS
▪ Publishing of research in appropriate journals (publications in view)
Achievement: Developed programming and statistical modelling skills

(01.12.2020 – 30.09.2021)   **Junior Web Developer**

Aqua Planet Nig. LTD Ibadan, Oyo State, Nigeria

http://aquaplanetng.com/
Role
▪ Worked with web designers in designing company website
▪ Assisted web developers in frontend design using html5, css3 and Javascript
▪ Assisted with backend database design using NoSQL (MongoDB)
▪ Assisted with constant web contents creation and web maintenance
Achievement: Developed web development skills in frontend and backend development

PERSONAL SKILLS

Languages

English and Yoruba (Native Languages), German (A2)

Computer skills.

Remote Sensing: SEADAS, ENVI
GIS: ArcGIS, QGIS, Google Earth Engine
Programming: HTML5, CSS3, Javascript (jQuery, REACT, Node JS), R
Operating Systems: Linux (Ubuntu), Windows, Mac
Database Management: SPSS, PostgreSQL, NoSQL (Mongo DB)

ADDITIONAL INFORMATION

Thesis

- Effects of climatic variabibilities on the production of maize: A case study of Kwara State, Nigeria (Bachelors Thesis)
- Altitudinal shifts in Chikungunya transmission in Africa and South America: Implications of climate change (MSc Thesis)

Conferences and science school

- STUBE-BAYERN: Digitization and AI in global agriculture and food security: July 2020
- United Nations COP14 2018, Sharm el sheik, Egypt (Convention on biological diversity and safeguarding life on earth)
- IPBES 2017 5th plenary, Bonn, Germany (Assessing the state of biodiversity and the ecosystem services it provides to society)
- University of Bayreuth summer school 2017 (Public health and the environment)

Awards

- Runners up - Commonwealth International Essay (Commonwealth Office, UK) (2003)
- Expert reader- United Nations Convention to combat desertification (2014)
- University of Bayreuth scholarship for international students (2017-2018)

Volunteer Experience

- Lassa fever sensitization in the rural areas of Ile Ife: Feb 2015 – April 2015
  Employer: Agbeja and friends initiatives.

Membership

Society of Photo-Optical Instrumentation Engineers, IEEE Oceanic Engineering Society, Nigerian Conservation Foundation.

Hobbies

Classical music – Trumpet | Meeting people | Cycling | Cooking | Football

References

Available on request