Onesi Onenamiyi

☐ +234 802 900 2325 | @ oneneonesi@gmail.com | ⬡ GitHub | ⬤ Website | ⚲ Abuja, Nigeria

EDUCATION

Nile University of Nigeria   Abuja, Nigeria
*B.Sc. Hons. in Computer Science; **GPA: 4.80/5.00***   *November 2018 – July 2022*

- **Relevant coursework:** Algorithms and Complexity Analysis, Artificial Intelligence, Computational Science and Numerical Methods, Computer Programming, Discrete Structures, Linear Algebra, Mathematical Methods, Numerical Analysis, Probability and Statistics.

SKILLS

Programming: Python, Rust, C/C++, JavaScript
Libraries: NumPy, Pandas, Matplotlib, Seaborn, OpenCV, Scikit-Learn, Keras, TensorFlow, PyTorch
Languages: English (Native), French (Limited Working), Turkish (Elementary)

RESEARCH EXPERIENCE

Lung Lab Research Group, AUST   Abuja, Nigeria
Research Assistant   *October 2022 – Present, Internship*

- Working on a project about the segmentation and identification of lung cancer under the supervision of Dr. David Clement.
- Conducts in-depth literature reviews on the topic of lung cancer detection, employing cutting-edge machine learning tools.
- Delivers captivating presentations to showcase research in the field of lung cancer detection.
- Acquires and analyzes data sets used in research.
- Utilizes machine learning techniques to implement lung cancer segmentation and detection in histopathological images in Python.
- Articulates comprehensive papers and reports elucidating experimental procedures and study results.

VOLUNTEER EXPERIENCE

The Kings' Hub   Abuja, Nigeria
Administrative Team Head   *December 2019 – Present, Part-time*

- Revamped flagship event's registration/check-in system by creating an innovative QR-based solution. Achieved a 40% increase in check-in efficiency while significantly minimizing unauthorized access.
- Initiated and maintained registration of over 300 members' data, enabling proper contact and dissemination of information.

Nile CS/IT/SEN Study Group   Abuja, Nigeria
Peer Tutor   *January 2019 – June 2022, Part-time*

- Organized and supervised tutor and exam preparation groups for course mates and students in higher levels, in both online and in-person settings at school.
- Created and maintained an organized and accessible online drive containing comprehensive notes, relevant texts, past questions, assignment schedule calendar, and supplementary materials to support and enhance the learning experience of tutees.

Professional Experience

Nigeria Governors' Forum Abuja, Nigeria

Research Analyst *January 2023 − Present, Full-time*

- Obtained and utilized historical data to develop predictive models based on the indicators for functional segments of the Nigerian states.
- Collaborated on the development of the National Blockchain Policy for Nigeria.

Digital Encode Lagos, Nigeria

Cybersecurity Analyst Intern *August 2021 − October 2021, Internship*

- Implemented PCI-DSS and VAPT projects for multiple clients across the fintech ecosystem in Nigeria to identify weaknesses in their systems.
- Developed and implemented automation scripts to streamline and enhance the VAPT procedures, optimizing efficiency and reducing manual effort.

Awards & Achievements

Nile University of Nigeria Best Graduating Student, Computer Science Department: Award of academic distinction for emerging with the highest CGPA in the Computer Science Department and being among the top 1.6% of the Faculty of Natural and Applied Sciences.(November 2022)

Nile University of Nigeria Undergraduate Academic Scholarship: Awarded and renewed for having a high grade in O-levels and throughout undergraduate study. (November 2018 − July 2022)

Projects

Compiler | *GitHub*

- A Rust project which implements a compiler.

Certifications

Networks and Deep Learning – DeepLearning.AI

Learned to build and train fully connected deep neural networks.

Affiliations

AI Saturdays Abuja

Member of the 4th cohort in the Computer Vision and Natural Language Processing tracks.