**KINTOH ALLEN NFOR**

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| **SUMMARY** | Passionate and research-driven AI specialist with a strong foundation in machine learning theory, deep learning architectures, and data-efficient algorithms. My academic and professional journey integrates computer networking, software engineering, and advanced AI systems, with a recent focus on addressing low-data challenges in real-world applications. I have designed and deployed robust, scalable models combining transformers, CNNs, and attention mechanisms for food recognition and text-driven dietary assessment. With a solid track record in cross-disciplinary research, publication, and model optimization, I am eager to contribute to the theoretical development of machine learning methods that push the boundaries of data efficiency and generalization across domains such as biomedical imaging and smart health systems. |

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| **AI & Machine Learning**   * Frameworks: TensorFlow, PyTorch, Scikit-learn * Transformer models (ViT, BERT), BiLSTM-Attention networks * Time series modeling for environmental data forecasting * Federated learning and privacy-preserving model training   **Computer Vision & NLP**   * Image recognition, object detection, XAI * Named Entity Recognition (NER), sentiment and keyword extraction * Development of multilingual and agriculture-specific lexicons   **Software Development & Programming**   * Languages: Python, R, SQL, Pandas, NumPy, Matplotlib, C * Web/App Dev: HTML, CSS, JavaScript * Custom tools for automated dietary assessment and smart agriculture data visualization   **Data Science & Analytics**   * Power BI, Tableau, Excel for dashboards * Predictive analytics and insight generation from structured/unstructured data   **IT Infrastructure & Networking**   * Network design, LAN/WAN routing, Ncomputing tech * Cloud-based deployment and server virtualization   **Teaching & Mentorship**   * Extensive experience in curriculum design, academic delivery, and bootcamp facilitation * Mentoring youth and undergraduate students in AI, innovation, and community tech initiatives   **IT Technician & Lecturer CITEC-Higher Institute of Technology and Management, Yaounde, Cameroon 2017 –2022** |

**KEY SKILLS**

**WORK**

**EXPERIENCE**

**Technical Support & Troubleshooting**

* Delivered comprehensive Level 1 and Level technical support for hardware, software, and network issues across multiple platforms (Windows, macOS, Linux).
* Diagnosed and resolved issues related to Networking, Applications, Operating Systems, and Point of Sale (POS) systems.
* Installed, configured, and maintained printers, photocopiers, and other peripherals, ensuring seamless operation.
* Delivered VOIP administration and support, optimizing institutional and business communication systems.

**IT Infrastructure & Network Administration**

* Managed and secured institutional networks, servers, and IT infrastructure, ensuring reliability and data security.
* Administered Microsoft 365 (Exchange, Teams, SharePoint, OneDrive), including user management and security policies.
* Implemented and supported networking solutions.
* Performed Windows Server administration and support, ensuring efficient system performance and uptime.

**Education, Training & Digital Transformation**

* Taught and mentored students in IT, networking, and programming, fostering technical expertise.
* Led the deployment of digital learning platforms, integrating technology into education for enhanced learning experiences.
* Developed and delivered IT training programs, ensuring users effectively utilize systems and applications.

**Customer Experience & Problem-Solving**

* Demonstrated a customer-focused approach, ensuring timely issue resolution and high levels of satisfaction.
* Applied practical problem-solving skills to diagnose and address technical challenges independently and collaboratively.
* Communicated complex technical issues in a clear, professional manner, ensuring users understand resolutions and best practices.
* Maintained excellent time management and attention to detail, ensuring efficient workload handling and task prioritization.

**Web Development & IT Lecturer JIMIT-INSTITUTE, Yaounde, Cameroon 2019-2020**

* Delivered comprehensive courses on Computer Architecture, DBMS, Web
* Programming, Network Administration, and Unix/Linux OS
* Conducted hands-on workshops in Vector & Raster Imaging, Switching & Routing, and Electronic Circuits
* Introduced AI and data-driven concepts into the curriculum for modern IT practices

**Computer Science & Mathematics Tutor Government Bilingual High Nov 2017 –**

**School, Etoug-Egbe, Yaounde, Cameroon Dec 2018**

* Managed the computer lab and tutored over 300 students in IT and Mathematics
* Organized a groundbreaking workshop on integrating ICT into classrooms for teachers

**Founder - Teenage ICT for High School Students 2016-2019**

* Created an initiative aimed at mentoring high school students in ICT, innovation, and tech entrepreneurship
* Conducted tech boot camps to introduce coding, web development, and AI basics to young learners

**EDUCATION Master’s in Computer Engineering (Artificial Intelligence) Inje University,**

**South Korea 2023-2025**

* Conducting research in AI-powered food recognition, NLP-driven dietary assessment, and federated learning
* Developing transformer-based architectures for food image recognition and nutrition analysis
* Exploring the intersection of quantum AI and nutrition to enhance computational models

**Korean Language Program Sunmoon University, South Korea 2022 – 2023**

* Completed intensive Korean language training under the Global Korea Scholarship (GKS) program.
* Achieved proficiency in Korean (TOPIK 3) to support academic research and professional communication.
* Developed cross-cultural understanding and integration skills within a Korean academic environment.

**Bachelor of Technology: Computer Networks & System Maintenance**

**University of Bamenda – Cameroon 2017 – 2018**

* Graduated with First-Class Honors (GPA: 3.63/4)
* Excellence Award Winner (Best Student, University of Bamenda)

**Higher National Diploma: Maintenance & Networking**: **CITEC-Higher Institute of Management and Technology, Yaounde,** **Cameroon 2015 – 2017**

Graduated 3rd in Class (12.36/20)

**GCE Advanced Level Certificate**

**2013 – 2015 Government Bilingual High School, NDU, Cameroon**

**HUBBIES**

Researching AI & Data Science innovations, Exploring advancements in ICT for education, Mentoring youth in technology & career growth, Engaging in sports & reading tech literature.

**RESEARCH &**

**PUBLICATIONS**

**ResearchGate:** Kintoh Allen Nfor | **ORCID ID:** 0009-0009-9186-8369 | **Google Scholar:** Kintoh Allen Nfor