Samuel Ayomikun AKINSEINDE

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RESEARCH INTEREST

My research interest lies in the application of Smart Tools like Computer Vision and Generative Adversarial Networks on African related challenges specifically in healthcare.

EDUCATION

Covenant University, Ota, Ogun State, Nigeria   **(September 2011 – June 2016)**

Bachelor of Engineering in Computer Engineering, with honors - CGPA: 4.57/5

African Leadership Development Center, Covenant University, Nigeria
(August 2015 – June 2016)

Diploma in Leadership Development

PROFESSIONAL EXPERIENCE

Software Developer at FINT Technology Africa Limited, Lagos, Nigeria (November 2017 - Present) - *https://fint.ng/*

Responsibilities

- Applied Machine Learning models to assess borrowers credit wordiness.
- Co-headed FINT's Corporate Social Responsibility (CSR). Partners with ReadySetWork, a Lagos State Ministry of Education Initiative, to train final year undergrad in Lagos State to be employable graduates - (https://readysetwork.com.ng)
- Developed an Employment Module Portal for FINT
- Developed FINT portal's Android Application (in progress)
- Implemented third party API's on FINT platform
- Collaborated with teammates to implement algorithms, new features, maintain services and build FINT's API system.

Graduate Assistant (NYSC) at Department of Computer Science, Ignatius Ajuru University of Education, Port-harcourt, Nigeria - *http://iauoe.edu.ng* - (December 2016 – October 2017)

Responsibilities

- Practical Instructor, Data Communications and Networking (CSC 412), 2017
- Students Coordinator of "Ideas, Creativity and Innovation Unit" of the University
- Offered advice and guidance to year 4 students on final year projects
- Librarian of the Computer Science Departmental Library

Software Engineer (intern) at CHAMS PLC, Victoria Island, Lagos (February – July 2015) - *https://chamsplc.com/*

Responsibilities

- Developed the Administrative System (backend) of an enrollment system for a CIBN event.
- Created technical manuals for various software packages.
- Technical support personnel for the 2015 JAMB examination at Chams city, Ikeja.

RESEARCH WORK, CONFERENCE PAPERS, AND PRESENTATIONS

- "mHealth Tool for Child Nutrition Education," with IoT-Enabled Smart and Connected Communities (SmartCU) Research Cluster, Center for Research, Innovation and Discovery, Covenant University. - World Bank Youth Summit Competition 2018 (under evaluation)
- A. S. Akinseinde, J. A. Badejo, and R. L. Malgwi, "GRAVID: An indigenous m-health tool for smart and connected communities," 2016 Future Technologies Conference (FTC). pp. 1331–1334, 2016. *https://ieeexplore.ieee.org/document/7821776*
- Final Year Thesis: Development of a Mobile Application for Gravid Women. -

AWARDS AND DISTINCTIONS

- Team Lead, First Runner Up, "Lagos AI Hackathon 2018" - August 2018 (https://medium.com/ai-saturdays-lagos-articles/lagos-ai-hackathon-lagosaihack-2nd-edition-d4258c662d51)
- On team that won the "Lagos AI Hackathon" organised by AI Saturday Lagos - April 2018
- 10 Academy Fellowship 2017 (*http://10academy.org/*)
- First Class Honors Award, Covenant University, Ota, Nigeria (June 2016).

TRAININGS AND CERTIFICATIONS

Microsoft Deep Learning Nigeria BootCamp, Lagos, Nigeria   **October 2018**
    Deep Learning, Natural Language Processing,
    Convolutional Neural Network, Keras

10 Academy Fellowship   **June 2017**
    Infinite Potentials Consulting & Ashesi University, Ghana
    (Design Thinking and Making, Big Data, Business Management and Entrepreneurship,
    AI and Machine Learning, Social Challenges in Africa and Some Potential Routes to
    Solve Them, Software Development)

PROJECTS AND CERTIFICATIONS (*Selected*)

- "AI Africa" (Twitter: @AIAfrica, Website – work in progress) – March 2018 - Present
- "African Fabric Images", Published on Kaggle - July 2018
- Machine Learning, Coursera Course Certificate - June 2018
- Convolutional Neural Network, Coursera Course Certificate - July 2018
- The Candlelight Foundation Official Website (http://www.thecandlelightng.com) - March 2018

TECHNICAL SKILLS

- **Programming Languages**: Python, PHP, Laravel, Java (Android), HTML5, CSS, SQL
- **ML/DL Tools**: Scikit-Learn, TensorFlow, Keras, Google Colab, Kaggle Kernel, Jupyter Notebook, MATLAB, IBM Watson services and APIs
- **Web Technologies:** Restful and SOAP web services, Postman, Navicat, WordPress, FileZilla, Heroku, Atlassian (Git | Trello), Linux/Unix, UML, AngularJS, Bootstrap

ACTIVITIES

- Member, Data Science Nigeria (https://www.datasciencenigeria.org/) - (April 2018 - Present)
- Technical Volunteer, "The Candlelight Foundation" – (January 2018 – Present)
- Member, "Sports CDS, National Youth Service Corps, Nigeria" - (January - October 2017)
- Member, "H.O.P.E (Helping Other People Excel) Foundation", Covenant University Alumni Association (CUALA) – (June 2016 – Present) - *http://eagleshopefoundation.org/*
- Head, Fundraising Team, "Project One Million Souls", Covenant University – (2013 - 2016)

LINKS

GitHub: *https://www.github.com/mikuns*
Kaggle: *https://www.kaggle.com/mikuns*
Research Gate: *https://www.researchgate.net/profile/Ayomikun_Akinseinde*
LinkedIn: *https://www.linkedin.com/in/ayomikun-samuel-9947819b*