

Samuel Ayomikun AKINSEINDE

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Research Interest

My research interest lies in the application of Smart Tools and Machine Intelligence on African related challenges specifically in healthcare.

Education

Covenant University, Ota, Nigeria (August 2011 – June 2016)

- Bachelor of Engineering in Computer Engineering, with honors
- Cumulative GPA: 4.57/5.00
- Diploma in Leadership Development, African Leadership Development Centre

Research Work, Conference Papers, And Presentations

- “mHealth Tool for Child Nutrition Education,” with IoT-Enabled Smart and Connected Communities (SmartCU) Research Cluster, Covenant University. - *work in progress*
- 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.

Professional Experience

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

- Developed an Employment Module Portal for FINT.
- Developed FINT’s Android Application (in progress).
- Co-developed FINT’s API system.
- Integrated third party API’s.
- Collaborated with teammates to implement algorithms, new features, & maintain services
- Co-headed FINT’s Corporate Social Responsibility (CSR), with Lagos State Ministry of Education Initiative (ReadySetWork), to train final year students in Lagos State to be employable graduates (<https://readysetwork.com.ng>).

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

- Practical Instructor, Data Communications and Networking (CSC 412), 2017.
- Students Coordinator of the Directorate of Ideas, Creativity and Innovation.
- Provided feedback and guidance to students on their final year thesis.
- Worked with the HOD on exam invigilation and recording of students’ exam papers.
- Catalogued and managed library resources as the departmental librarian.

Software Engineering Intern at CHAMS PLC, Victoria Island, Lagos - <https://chamsplc.com/> (February – July 2015)

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

Awards and Distinctions

- Team Lead, First Runner-Up, “Lagos AI Hackathon 2018”, 2nd Edition - <https://medium.com/ai-saturdays-lagos-articles/lagos-ai-hackathon-lagosaihack-2nd-edition-d4258c662d51> (August 2018).
- On team that won the “Lagos AI Hackathon 2018”, 1st Edition (April 2018).
- 10 Academy Fellowship 2017 - <http://10academy.org/> (July 2017).
- First Class Honors Award, Covenant University, Ota, Nigeria (June 2016).

Trainings and Certifications

- **Microsoft Deep Learning Nigeria Boot Camp**, Lagos, Nigeria (October 2018)
 - Selected for a 5-day residential AI Bootcamp with lectures on deep learning, natural language processing, convolutional neural network, keras, and Azure ML.
- **10 Academy Fellowship**, <https://10academy.org> (June 2017)
 - 1 out of 22 selected fellows from across Africa for a 1-month fellowship program. The program is aimed at training potential leaders on business designs and the prospect of AI, to contribute to the development of Africa.
- **Machine Learning**, Coursera Course Certificate (June 2018)
<https://www.coursera.org/account/accomplishments/certificate/QUU4VYYF5BV3>
- **Convolutional Neural Network**, Coursera Course Certificate (July 2018)
<https://www.coursera.org/account/accomplishments/certificate/KG8NSZWFTTWT>

Programming Background

- Proficient in Python, PHP, Java (Android), SQL, HTML, CSS, and Javascript
- Conversant with Scikit-Learn, TensorFlow, Keras, Google Colab, Kaggle Kernel, Jupyter Notebook, MATLAB, IBM Watson services and APIs

Activities

- **Technical Volunteer**, “The Candlelight Foundation” (January 2018 – Present)
 - Developed and currently maintain the website (www.thecandlelightng.com).
- **Member**, “H.O.P.E (Helping Other People Excel) Foundation”,
<http://eagleshopefoundation.org> (June 2016 – Present)
 - Gave a talk on “A Beginners Introduction to Artificial Intelligence.” at 2018 CITY Summer Camp held at Canaan Land, Ota, Nigeria.
- **Head**, Fundraising Team, “Project One Million Souls (P1M)”, Covenant University – (2013 - 2016)
 - Raised funds mainly through sales of food across the 10 university hostels; Worked with food vendors for provision of food to be sold; Managed a team of 3 executives.
 - Co-led a leadership program “Leaders on Training 2016” for the next executives and taught on creating the balance between P1M and academics.