

# Samuel Ayomikun AKINSEINDE

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## Professional Summary

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Innovative and research-oriented Software Engineer with experience and passion for building technical infrastructures and services. **Research interest:** Health Informatics, Human-Computer Interaction, mHealth, and Machine Intelligence.

## Education

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**Covenant University**, Ota, Nigeria (August 2011 – May 2016)

- Bachelor of Engineering in Computer Engineering, with honors (CGPA 4.57/5.0)
- Diploma in Leadership Development, African Leadership Development Centre

## Research Work, Conference Papers, And Presentations

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- “Interactive AI Tool for Child Nutrition Education,” with IoT-Enabled Smart and Connected Communities (SmartCU) Research Cluster, Covenant University.
- 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>
- Undergraduate Thesis (2016): Development of a Mobile Application for Gravid Women.

## Professional Experience

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**Software Developer** at FINT Technology Africa Limited, Lagos, Nigeria

<https://fint.ng/> (November 2017 - Present)

- Perform Credit analysis on over 100,000 users to understand creditworthiness and improve engagements for product improvement.
- Developed FINT’s Drop-In Checkout System and Co-developed FINT’s API systems.
- Developed Technical Infrastructures and Services affiliated with the FINT product (Module Portals, API Integrations, Payments Systems, and Affiliate Services)
- Collaborated with peers to implement algorithms and perform error analysis.
- Project Lead, FINT’s Corporate Social Responsibility (CSR): Work with Lagos State Ministry of Education’s Initiative “Ready Set Work” to train 5,000 final year students in Lagos State to be employable graduates. Work on funding process for 10 selected NGOs.
- Technologies Used: PHP/Laravel, MySQL, HTML/CSS, jQuery, Lumen API, Postman, Tableau, Google Analytics, Chrome Developers Tools, WordPress, MS/Mac OS.

**Graduate Assistant** at the Department of Computer Science, Ignatius Ajuru

University of Education, Nigeria <http://iauae.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.
- Worked with the HOD on exam invigilation and recording of students’ exam papers.
- Cataloged and managed library resources as the departmental librarian.

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

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

### **Awards and Distinctions**

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- Runner up, “Lagos AI Hackathon,” 2<sup>nd</sup> Edition - (August 2018).
  - Lead a team of 4 out of 40 participants, in predicting hourly taxi rate.
- Winner, “Lagos AI Hackathon,” 1<sup>st</sup> Edition - (April 2018).
  - Among Team of 4, for the best fit in classifying Local Nigerian Food.
- 10 Academy Fellowship 2017 (June 2017)
  - 1 out of 22 selected fellows from across Africa for a 1-month fellowship program.
  - The fellowship trains potential leaders on business designs, data science, and modern skills to contribute to the development of Africa.
- First Class Honors Award, Covenant University, Ota, Nigeria (June 2016).

### **Training and Certifications**

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- 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) <https://bit.ly/2OZmgcW>
- Machine Learning, Coursera Certificate (June 2018) <https://bit.ly/2P728ps>
- Convolutional Neural Network, Coursera Certificate (July 2018) <http://bit.ly/2Y9QjTI>

### **Programming Background**

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- Proficient in PHP/Laravel, Lumen API, Python, SQL, HTML/CSS, JSON, JavaScript, Git, and Tableau.
- Conversant with Scikit-Learn, TensorFlow, Keras, Google Colab, Kaggle Kernel, Jupyter Notebook, MATLAB, IBM Watson services

### **Activities**

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- **Member**, “Mentally Aware Nigeria Initiative (MANI)” (April 2019 - Present)
  - Research Team: Policy reform on Gambling and Mental Health Analysis.
- **Technical Volunteer**, “The Candlelight Foundation” (January 2018 – Present)
  - Developed and currently maintain the website ([www.thecandlelightng.com](http://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 the 2018 CITY Summer Camp, Canaan Land, Ota, Nigeria.
- **Member**, “Project One Million Souls (P1M)”, Covenant University (2012 - 2016)
  - Co-led a 1-month leadership program “Leaders in Training 2016” for the next executives and taught on creating the balance between P1M and academics.
- **Head**, Fundraising Team (2013 - 2015)
  - Led and organized fundraising efforts that raised over \$5,000 for operations and outreaches, through charity events and food sales across the 10 university hostels.
  - Managed a team of 3 executives and 20 volunteers.