

# Joke Atinuke BADEJO

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## Research Interests and Objective

My core research area is Machine Learning with applications in computer vision/image analysis (especially biometrics and biomedical images), Big Data analysis as well as Software Engineering. I am passionate about analyzing huge chunks of data and complex structures to discover the rich underlying insights and utilize such information efficiently. My PhD research work offered me the opportunity to study ocular biometrics; analyzing the complex texture of the sclera, iris and the periorcular region of the human eye for the purpose of segmentation.

## Education

### **Ph.D. (Computer Engineering) | AUGUST 2015 | COVENANT UNIVERSITY, NIGERIA**

*Thesis Title: "Development Of A Robust Segmentation Algorithm For Low Contrast Iris Images"*

(Funded by Covenant University Research Grant)

### **M.Eng. (Computer Engineering) | JULY 2007 | COVENANT UNIVERSITY, NIGERIA**

*Dissertation Title: "Dev. of Automatic Speech Recognition Algorithm for Embedded Systems"*

(Funded by Covenant University Research Grant)

### **B.Tech. (Computer Engineering) | AUGUST 2003 | LADOKE AKINTOLA UNI. OF TECH., NIGERIA**

Second Class Honour, Upper Division, August 2003

## Work Experience

**Covenant University, NIGERIA** Faculty Member • August 2007 - till date

Working with the Smart Community research cluster on biomedical and biometrics image data acquisition and analysis for computer-aided diagnosis and personal recognition respectively.

Teaching and mentoring Computer Engineering undergraduate and graduate students.

## Skills & Abilities

I am naturally good at analysis (or problem solving), creative thinking, computer programming and, laboratory manual and memos in English. I particularly enjoy reading and learning new things. organizing workshops. I also have the ability to efficiently produce concise and organized scientific publications, reports

## Publications and Other Works

ORCID: <https://orcid.org/0000-0002-5646-7385>

Google Scholar: <https://scholar.google.com/citations?user=FVtoWDAAAAAJ&hl=en>

ResearchGate: [https://www.researchgate.net/profile/Joke\\_Badejo?ev=hdr\\_xprf](https://www.researchgate.net/profile/Joke_Badejo?ev=hdr_xprf)

## Professional Qualifications

Member, Institute of Electrical and Electronics Engineers (IEEE) • Member, International Association of Engineers (IAENG) • Registered Member, Council for the Regulation of Engineering in Nigeria (COREN) • Member, Nigeria Society of Engineers (NSE)