

# Tomiwa Adedokun

Software Engineer and Artificial Intelligence Engineer.  
B.Sc Computer Engineering(University of Lagos)

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## SKILLS

**Programming & OOP:** - Python, C++, Javascript      **Cloud:** GCP, Microsoft Azure, AWS  
**Frameworks:** Node.js, Vue.js, Django  
**Web development:** JavaScript, HTML, CSS, Bootstrap  
**Miscellaneous:** Data Structure & Algorithms, SQL, Server Administration, Mainframe, Computer Vision, Deep Learning, Project Management Professional (**PMP**)  
**Languages:** English (Fluent), French & Spanish(Limited working proficiency)

## EDUCATION

**University of Lagos** — **B.Sc Computer Engineering**

FEB 2020

- **Major:** Computer Engineering
- Member of the Andela Learning Community, Data Science Nigeria, Microsoft Tech Community(MSPs) & Google Developers Group(GDG).

## EXPERIENCE

**Hugo Technologies: Lagos** — *Quality Analyst(AI/ML Engineer)* [[hugotech.co](#)]

APR. 2020 - PRESENT

- Image segmentation and full body segmentation for augmented reality and virtual reality applications(AR/VR) on Facebook's Reality Labs Research(FRL) project. This recently published [video](#) and [article](#) will more clearly demonstrate the results of the project.
- Worked on "[Facebook's Journalism Project](#)" by categorizing News feeds based on keywords and entities to improve the sorting algorithms in predicting News, articles and social media posts by specific keywords which involves paying attention to details.
- Data annotation and categorization in the form of text, images and videos for Computer vision applications and also product segmentation.
- Managing a team to ensure team members communicate effectively which increases team performance.

**Lyvo: Remote, California** — *Software Engineering(SWE) Intern* [[Lyvo](#)]

JUN. 2020 - AUG. 2020

- Worked in a team of six as a member to build a simple interactive platform that interacts in real time, and it was a CRUD application.
- Incorporated Vue.js in the frontend of the application in place of the basic web development modules
- Used Git as a collaborative tool for effective collaboration in the project.

**Facebook-Andela SDG: Remote, Lagos** — *Backend Developer* [[Andela](#)]

MAR. 2020 – JUN. 2020

- Worked in a team of seven to develop a product amongst the SDG goals so as to help those in need and improve the lives of those in our community. [Certification](#)
- Managed the backend development alongside a fellow team member by using Facebook's open-source tools and Django framework for the development of the application.
- Incorporated Google, Facebook, and LinkedIn login features for easy access into the web application which is to be an accident tracking and reporting application to quickly aid accident reports to the relevant authorities.
- Developed a COVID-19 estimator which predicted the number of expected cases in a location based on the currently affected number of individuals.

**IBM: Remote, Lagos** — *Master the Mainframe* [[IBM-MTM](#)]

SEP. 2019 - DEC. 2019

- Interacted with the IBM Z mainframe and acquainted yourself with the user interfaces, the basic concepts, and data structures.
- Performed advanced commands, system setup, and system navigation), developed (C, JAVA, COBOL, assembler, and REXX) and experienced operating systems(including Linux, z/VM, z/OS, z/TPF) challenges on IBM Z.
- Concluded the challenge with [Part 2](#) & [Part 3](#) badges as the one of top 3 in Nigeria and top 10 in the EMEA region.

## PROJECTS

**TaiExpressNG** — [[Github](#)]

JAN. 2021

- Developed a web application alongside a team of 5 for a logistic company to enable users track their logistic deliveries as well as make requests based on the available resources of the company .
- Utilized HTML, Javascript, CSS, to implement the frontend part of the application

**People Counter App** — [[Github](#)]

JUL. 2020

- Developed a web application for counting the number of people in a room per frame using Intel's OpenVINO toolkit and python OpenCV.
- Utilized Python, Javascript, HTML & CSS for the development of this project.

## COMMUNITY ACTIVITIES AND AWARDS

**Google Developers Group** — *Google Cloud Tech Facilitator/Mentor* [[Mentor](#)]

NOV. 2019 - PRESENT

- Hosted a group of young tech enthusiasts and developers on the use of Google Cloud, using Qwiklabs platform for training.
- Facilitated the community members on the application of Google Cloud on projects and even machine learning and AI.

**Data Science Nigeria** — *Kaggle Competition/Artificial Intelligence Bootcamp* [[Bootcamp](#)]

OCT. 2019 - NOV. 2019

- Used machine learning and AI models to work on a Staff Promotion Algorithm, predict members of staff that are likely to be promoted based on defined personal and performance parameters [[www.kaggle.com/c/intercampusai2019/overview](#)].
- Collaborated with a team of 6 in building AI models during the bootcamp, and we were awarded for our team effort with an accuracy of 98% model accuracy for the developed model ([Unilag wins AI school of the year award](#)).