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PROFESSIONAL SUMMARY

I am a motivated and open-minded graduate student and researcher with strong analytical and problem-solving skills. My work lies at the intersection of Human-Computer Interaction, Artificial Intelligence, and data-driven innovation, where I aim to create impactful and inclusive technologies that enhance human experiences.

EDUCATION

University of Manitoba, Winnipeg, Canada.

In View

M.Sc. in Computer Science

University Mohammed VI Polytechnic, Rabat, Morocco.

2025

M.Sc. in Collective Intelligence (TRACK: Computer Science & Data Science)

GPA: 16.17/20

Federal University of Agriculture, Abeokuta, Ogun, Nigeria

2021

Bachelor of Engineering (B.Eng.) in Agricultural & Bio-Resources Engineering

Final Grade: Second Class Honors

GPA: 4.48/5.0

Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

2014

National Diploma (ND) in Agricultural & Bio-Environmental Engineering

Final Grade: (Distinction)

GPA: 3.82/4.0

SKILLS AND COMPETENCES

Technical Skills: Machine Learning (Linear Regression, Logistic Regression, Decision Trees, Random Forest, K-Nearest Neighbors, Naive Bayes, XGBoost), Deep Learning (Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN), AutoEncoder), Computer Vision (Object Detection & Image Segmentation Models: Mask R-CNN, YOLO, ResNet, Detectron2), Python, R, HTML, CSS, JavaScript, Microsoft Power BI, Microsoft Office tools (word, excel, ppt)

Personal Strengths: Excellent communication, interpersonal relationship skills, Leadership and Team Player, Organizational skills, Time, and Project Management.

RESEARCH EXPERIENCE

Graduate Research Intern, Agricultural Innovation and Technology Transfer Center (AITTC),

University Mohammed VI Polytechnic

March 2025- Aug 2025

Topic: Harnessing AI and Computer Vision for Enhanced Farming Efficiency

- Collected and organized a comprehensive image dataset of various *Opuntia* species.
- Preprocessed and annotated images to identify key morphological features Using Roboflow
- Created a structured database of visual characteristics for different *Opuntia* species.
- Designed and implemented computer vision algorithms for fruit and cladode counting.

Graduate Research Assistant, School of Collective Intelligence,

June 2024- Dec 2024

University Mohammed VI Polytechnic

Topic: Harnessing AI and Computer Vision for Enhanced Farming Efficiency

- Conducting in-depth literature review on cutting-edge techniques in object detection and image segmentation
 - Utilizing object detection and image segmentation techniques using Mask R-CNN, YOLO, and ResNet to improve farming practices.
 - Working on image annotation and data preparation using Roboflow.
 - Contribution to the ongoing research by preparing data and running initial model tests.
 - Developing a strong understanding of computer vision and machine learning frameworks.

- Produced tomato powder using foam mat drying method.
- Performed color experiment on the tomato powder produced.
- Performed Rehydration ratio on tomato powder produced.
- Performed lycopene test on tomato powder produced.
- Performed Ascorbic acid test tomato powder produced.

- Performed Evaluation of a multi-juice extractor
- Determination of the juice yield, extraction efficiency, and extraction losses
- Determination of physio-chemical properties

TEACHING EXPERIENCE

Grader – Engineering Properties, Handling and Processing of Biomaterial

2018-2020

Department of Agricultural & Bio-Resources Engineering, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria

- Assisted in grading assignments, laboratory reports, and exams for first- and second-year engineering students.
- Supported faculty in managing coursework, providing feedback, and addressing student inquiries.
- Contributed to maintaining grading consistency and academic integrity across multiple class sections.

Academic Tutor

2017-2020

Department of Agricultural & Bio-Resources Engineering, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria

- Coached and mentored prospective undergraduates, recording over 90 % average success yearly.
- Prepared academic materials and organized tutorials for colleagues and other students at lower levels.

Academic Tutor

2012-2014

Department of Agricultural & Bio-Environmental Engineering, Laspotech, Lagos, Nigeria

- Prepared academic materials and organized tutorials for colleagues and other students at lower levels.

INDUSTRIAL EXPERIENCE

Graduate Trainee Engineer.

Aug. 2021 – Jan 2023

OK Foods Limited (a subsidiary of Olam Nigeria Limited). Lagos, Nigeria.

- Worked with a team in carrying out value stream analysis of biscuit packaging machines.
- Input and Analysis of breakdown downtime of production machines.
- Preparation of weekly preventive maintenance schedule
- Worked with a team in carrying out routine maintenance of production machines.

Student intern

Oct. 2018 - Mar. 2019

OK Foods Limited (a subsidiary of Olam Nigeria Limited). Lagos, Nigeria.

- Checking the production floor to ensure no machine is down during the production period.
- Assisted in the fabrication of various machine components.
- Worked with a team in carrying out routine maintenance of production machines.
- Assisted in ensuring all production machines were working at their best efficiency.

LEADERSHIP EXPERIENCE

Program Chair, First Human Computer Interaction Workshop in Morocco, University Mohammed VI Polytechnic.

July & October 2025

- Led the design and structure of the workshop, including session planning and topic curation.

- Selected speakers and coordinated their participation.
- Shaped the overall learning experience by developing program flow and aligning content with participant needs.

Project Manager, Climate Awareness Club, University Mohammed VI Polytechnic. 2024-2025

- Lead climate-focused projects, including workshops, awareness campaigns, and environmental conservation efforts.
- Manage project timelines, resources, and team coordination to ensure successful execution and measurable impact.
- Establish partnerships with local and international organizations to expand the reach and influence of the club's initiatives.

Delegate for Cultural, Social, and Sport Affairs, International Student Club,

University Mohammed VI Polytechnic. 2024-2025

- Plan and organize cultural, social, and sports activities to enhance the student experience and foster a sense of community.
- Serve as a liaison between international students and the university to address cultural and recreational needs.
- Drive inclusivity and cultural exchange through innovative and engaging programs.

General Secretary, Alumni Association of Ridwanullahi Arabic School 2021-till date

- Handled the scheduling & minuting of monthly alumni Meetings.
- Led the planning and coordination of the Yearly Ramadan Lecture.

Member of Junior Chamber International (JCI) Funaab Chapter 2018 – 2020

- Chair convention committee for the planning and coordination of the Convention & Investiture Ceremony of 2019 LO year.

General Secretary, Agricultural & Bio Resources Student Association, Funaab chapter. 2018/2019

- Handled the scheduling & minuting of Executive Weekly Meetings.
- Led the planning and coordination of the Departmental Conference.

Welfare Secretary, Agricultural & Bioresources Student Association Funaab chapter. 2017/2018

- Handled the scheduling of Tutorials for students.
- Led the planning and coordination of the Departmental Conference.

VOLUNTEERING EXPERIENCE

Communications Chair, Africhi 2025 Conference Organizing Committee Nov 2024 – Nov 2025

- Led the conference's communications strategy, managing all online updates and announcements.
- Oversaw social media engagement across multiple platforms, ensuring timely and accurate dissemination of information.
- Strengthening the conference's online visibility and community engagement through consistent content management.

Student Volunteer, The 5th Biennial African Human Computer Interaction Conference, Cairo, Egypt Nov 2025

- Supported the communications team by taking photos and posting content across the conference's social media platforms.
- Assisted attendees at the registration desk by answering questions and distributing conference tags.
- Helped maintain smooth event operations through active coordination and participant support.

**Super Volunteer, Networking Team, Women in Machine Learning (WiML) Reception,
NeurIPS Conference, Vancouver, Canada.**

Dec. 2024

- Advocate for the United Nations Sustainable Development Goals (SDGs) through educational campaigns, workshops, and community projects
- Collaborate with university departments and external organizations to promote sustainability initiatives on campus and beyond.
- Facilitate events and discussions aimed at increasing awareness and participation in achieving SDG objectives.

SDG Ambassador, Sustainable Development Goals Department, University Mohammed VI Polytechnic.

Aug.2024-Aug.2025

- Advocate for the United Nations Sustainable Development Goals (SDGs) through educational campaigns, workshops, and community projects
- Collaborate with university departments and external organizations to promote sustainability initiatives on campus and beyond.
- Facilitate events and discussions aimed at increasing awareness and participation in achieving SDG objectives.

**Student Ambassador, School of Collective Intelligence,
Mohammed VI Polytechnic University.**

Oct. 2023 – Oct 2025

Volunteer Team Lead, 500 minutes of Collective Intelligence Program, UM6P.

July 2024

- Led a team of 20 volunteers, matching their interests and skills with suitable volunteer roles within the program.
- Developed and assigned tasks and responsibilities, ensuring clear communication and effective project execution.
- Supervised volunteers to ensure tasks were completed efficiently and aligned with program goals.
- Organized a recognition dinner night for program participants, organizers, and volunteers.

Ushering & Protocol Team Lead, Youniverse Business Summit, UM6P

June 2024

- Led a team of ushers, ensuring smooth guest flow and adherence to event protocols for the summit
- Developed and implemented clear procedures for ushering and guest assistance.

Communication Support Volunteer, GITEX AFRICA,

May 2024

- Captured high-quality photographs and took detailed notes to document events, exhibits, and interactions.

Member of Sustainable Development Goals (SDG) Lagos. NYSC Chapter

2021 – 2023

- Development knowledge Facilitator for Secondary school students

MEMBERSHIP & AFFILIATIONS

- **Member**, Special Interest Group on Computer-Human Interaction (4DACM SIGCHI), **NIGERIA**
Apr. 2024
- **Member**, Special Interest Group on Computer-Human Interaction (ACM SIGCHI), **USA**
Nov. 2023

CONFERENCE/WORKSHOP ATTENDED

- The 5th Biennial African Human Computer Interaction Conference Cairo, Egypt
Nov 2025
- African Women in Tech and AI (AWITAI) Summer School, 3rd Cohort
Two-week intensive program on Artificial Intelligence and Technology, AI Movement, UM6P,
Morocco.
July 2025
- The Thirty-Eighth Annual Conference on Neural Information Processing Systems (NeurIPS),
Vancouver, Canada.
Dec. 2024
- 4th International Conference on Computing and Communication Networks, Manchester

- Regional Conference of Youth, Africa, Morocco

PRESENTATIONS

- **Oral Presentation: Bridging Distances, Navigating Dilemmas: Social Media's Role for Sub-Saharan African Students in Morocco**, The 5th Biennial African Human Computer Interaction Conference AFRICHI 2025, Cairo Egypt. **Nov 2025**
- **Oral Presentation(online): Cultural Adaptation Through Digital Identities: Privacy and Self-Expression Among Sub-Saharan Students in Morocco**, 12th International Conference on Communities & Technologies (C&T 2025). **July 2025**
- **Poster Presentation: Anomaly Detection in Weather and Irradiation Data: A Study of 12 German Cities**, Women in Machine Learning (WiML) Workshop, NeurIPS Conference, Vancouver, Canada. **Dec 2024**
- **Oral Presentation: Anomaly Detection in Weather and Irradiation Data: A Study of 12 German Cities** International Conference on Computing and Communication Networks, Manchester Metropolitan University, Manchester, United Kingdom. **Oct 2024**

AWARDS & HONORS

- **Fully Funded Scholarship, Master's in Computer Science, University of Manitoba** **2025-2027**
- **Academic Excellence Scholarship** **2023-2025**
Fully funded scholarship for Master's program in UM6P by Rochd Ibn Foundation for Science and Technology
- **Junior Chambers International Funaab Chapter** (Most committed member) **2019**
- **Akintan Old Student Association Award** (Outstanding academic performance) **2012**