

Jeduthun Agharese Idemudia

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SUMMARY

Recent BSc Computer Science with Artificial Intelligence graduate with hands-on experience in AI/ML, cloud computing, data analysis and software development through academic projects and professional training. Skilled in Python, Java, C++, and database management systems, with expertise in training Large Language Models (LLMs) and utilizing NLP techniques. Passionate about leveraging technical skills to develop scalable, AI-driven solutions and eager to contribute to innovative projects in a dynamic, growth-oriented environment.

EDUCATION

Nottingham Trent University, Nottingham, United Kingdom Sept 2021 – July 2024
B.Sc. (Hons) in Computer Science with Artificial Intelligence

- Final year modules: Final Year Project, Cognitive Computing, Distributed Database Engineering, Service-Centric & Cloud Computing, Artificial Intelligence
- Active member of the Fashion & Gaming societies, fostering creativity and collaboration. Developed teamwork and leadership skills while playing for the men's basketball team.

WORK EXPERIENCE

Outlier, AI training Specialist (Remote), London, UK Sep 2024 – Present

- Contributed to the enhancement of Large Language Models (LLMs) by evaluating AI-generated responses for clarity, relevance, and factual accuracy.
- Applied Natural Language Processing (NLP) techniques, including speech recognition, text generation, summarization, and sentiment analysis, to optimize AI model performance.
- Performed data-driven analysis to enhance AI capabilities, refining model accuracy and contextual understanding for improved real-world applications.
- Fact-checked and refined AI-generated content, reducing error rates by 15% and improving model accuracy.
- Collaborated with engineers and researchers to develop and implement cutting-edge AI solutions for real-world applications.

E – Transportation Marketplace Application (University Project), Project Lead, Nottingham, UK Sep 2022

- Led a team of four students in designing and developing a fully functional e-transportation marketplace application, facilitating seamless transactions between users and service providers.
- Applied the Software Development Lifecycle (SDLC) to design and implement system algorithms using C++, leveraging libraries such as iostream, ctype, and sqlite3 for data management.
- Conducted rigorous testing and performance analysis to ensure the system met all functional and reliability requirements, identifying and resolving critical issues to optimize performance.
- Developed a compelling visual demonstration and presented the project to a panel of professors, effectively articulating technical details and showcasing the system's capabilities.
- Gained hands-on experience in team leadership, problem-solving, and full-stack development, reinforcing expertise in algorithm design, database management, and software engineering principles.

White Rose Trading, Volunteer Shop Assistant, Nottingham, UK May 2024 – September 2024

- Provided excellent customer service by assisting shoppers, managing transactions, and handling cash operations efficiently.
- Organized and categorized donated fashion items to streamline stock management and improve accessibility.
- Curated visually appealing window and in-store displays, enhancing the store’s aesthetic appeal and driving customer engagement.
- Developed digital marketing skills by modelling and creating engaging Instagram content, leading to a 15% increase in followers and enhancing the store’s online visibility.

CERTIFICATES AND QUALIFICATIONS

Microsoft Azure AI Fundamentals Certificate

May 2024

- Gained knowledge of machine learning and AI concepts and related Microsoft Azure services, with a high achievers' prize.

Microsoft Azure Cloud Fundamentals Certificate

July 2024

- Gained knowledge of cloud concepts in general and Microsoft Azure in particular.

TECHNICAL AND PROFESSIONAL SKILLS

Technical skills:

- Machine Learning: TensorFlow, Deep Learning, Cognitive Computing, Natural Language Processing (NLP)
- Big Data & Cloud: Hadoop, MapReduce, Apache Spark
- Robotics: Robot Operating System (ROS), Rviz, Gazebo

Programming Languages:

- Python, Java, C++, SQL, HTML/CSS, JavaScript, Shell Scripting, MATLAB

Frameworks & Tools:

- React, Bootstrap, MongoDB, Linux, Jupyter Notebook, Kaggle, Microsoft Office Suite (advanced proficiency), Rational Software Architect

DevOps & Cloud Deployment:

- CI/CD, Docker, Kubernetes (Google Kubernetes Engine), Microsoft Azure

Testing & Project Management:

- Unit Testing, Integration Testing, Software Development Lifecycles (SDLC), Agile & Waterfall Methodologies, Risk Management

Soft skills:

- Problem Solving, Time management, Critical Thinking, Collaboration & Teamwork, Adaptability