Oritsemeyiwa Jordan Temile

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Education

Carleton University Ottawa, Canada
Bachelor of Engineering in Software Engineering September 2020 – April 2024

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management.

Professional Experience

REYON BOTTLING COMPANY Lagos, Nigeria
Remote Software Developer Intern May 2022 - Oct 2023

- Resolved an average of 15 software anomalies and user-reported issues per month, ensuring the smooth operation of critical systems.
- Collaborated with a remote team to successfully deliver 3 software development and maintenance projects within specified timelines.
- Improved software performance by 20% through systematic optimization and code refactoring efforts, resulting in enhanced user experience.

Projects

ACCESSIBLE AUTONOMOUS VEHICLE September 2023 – Present

- Developed using Python, Linux, Git, LiDAR, GNSS, CANBUS, ROS2, and YOLO.
- Collaborated with the team to integrate computer vision models and object recognition algorithms, resulting in a 15% improvement in the vehicle's perception and response capabilities.
- Played a key role in designing and implementing communication protocols, achieving a 20% increase in data exchange efficiency between vehicle components and ensuring seamless inter-vehicle communication (ROS2).
- Contributed significantly to the development of Python and C++ code for autonomous vehicle control, including the training of neural networks to improve nighttime object detection and localization.

TASK MANAGEMENT SYSTEM July 2023 – August 2023

- Developed using Spring Framework, MySQL, Zipkin, Docker, Prometheus, and Grafana.
- Architected a web-based application, resulting in a 30% improvement in task management efficiency.
- Engaged in collaborative refinement of functionalities with the team, resulting in a 20% increase in software quality.
- Facilitated knowledge transfer through training sessions and comprehensive documentation creation, reducing onboarding time by 15%.

ON-DEMAND AND LONG-RANGE PASSENGER TRANSPORT UAV September 2022 – May 2023

- Built using Python, C++, SITL, MATLAB, Gazebo.
- Led the design and automation of a VTOL UAV specialized in passenger transportation.
- Achieved seamless integration of real-time communication, advanced control algorithms, and computer vision techniques for object detection, contributing to a 20% increase in system reliability.
- Thoroughly conducted performance tests and analysis, including rigorous flight-testing procedures, ensuring a 15% increase in overall system performance.

Skills

- Docker, Python, C/C++, Java, GO, JavaScript, Git, React, Svelte, NodeJS, ExpressJS, NEXTJS, Agile, SQL