

IZISON BENIBO

TRAFFIC/TRANSPORTATION ENGINEER

Orangeburg, South Carolina, 29115, United State

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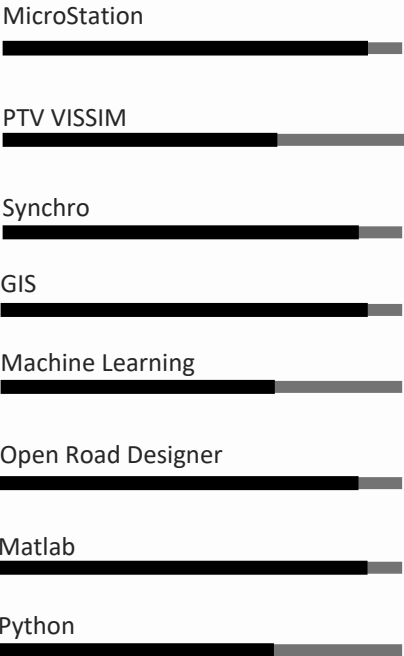
CONTACT

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Orangeburg, South Carolina,
29115, United State

SKILLS



AWARDS

Third Place – BECT Symposium (2025) | Code Diversity-Based Defense Mechanism for CAVs

Recognized for research on cybersecurity strategies in Connected and Autonomous Vehicles (CAVs) using reinforcement learning and code diversification



PROFILE

A dedicated and Analytical Transportation Engineering Researcher with experience in traffic safety analysis, intelligent transportation systems (ITS), and cybersecurity in connected and autonomous vehicles (CAVs). Proven ability to conduct crash data analysis, develop predictive models, and optimize traffic flow to enhance road safety and efficiency. Adept at integrating advanced technologies to improve transportation networks and ensure secure, data-driven solutions. Committed to leveraging expertise in transportation engineering and cybersecurity to drive innovation, enhance operational performance, and contribute to organizational success.



EMPLOYMENT HISTORY

Graduate Research Assistant (Part-time), South Carolina State University, Orangeburg, SC
August 2024 - Present

- Conduct research on reinforcement learning applications in traffic engineering, road safety, and transportation planning.
- Develop and implement simulation models for Connected Autonomous Vehicle (CAV) technologies.
- Analyze large datasets to assess traffic patterns, road safety measures, and autonomous vehicle performance.
- Utilized simulation tools to model and evaluate intelligent transportation solutions.

Instrument Technician, Anheuser Busch-InBev Brewery
August 2018 - July 2024

- Perform preventive and corrective maintenance on instrumentation systems, including sensors and control devices.
- Troubleshoot and calibrate vision technology, cameras, and sensor inspection equipment.
- Ensure compliance with safety and quality standards in the maintenance of brewery equipment.
- Maintain documentation of maintenance activities and support process optimization initiatives.

Instrumentation Intern, Rite Foods Nigeria Limited
Oct. 2017 — Dec. 2017

- Assist in the installation, calibration, and maintenance of instrumentation equipment.
- Monitor and troubleshoot sensors, controllers, and automation systems.
- Support engineers in conducting inspections and ensuring equipment functionality.
- Document findings and report equipment performance issues for necessary actions.



EDUCATION

Master's degree, Transportation and Highway Engineering, South Carolina State University, Orangeburg, South Carolina

August 2024 - Present

Bachelor's degree, Electrical Engineering, Federal Polytechnic, Bida, Niger State, Nigeria

Awarded Jan. 2016