

RASHEED ADEBAYO BELLO, E.I.T.

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PROFILE SUMMARY

MS student in Transportation with three years of experience on city-scale road, rail, and water transport projects. Traffic experience spans on-site and digital data collection, congestion index analysis, and highway safety evaluation on federal and state crash data; roadway design experience covers geometric and pavement design, earthworks, and stormwater drainage. 2026 ITE X CBB 3M Pitch prize winner for traffic safety innovation and 2026 AASHTO X NOCoE TTT Finalist. **Passed E.I.T/FE Civil Exam** [\[Badge\]](#)

CORE SKILLS

- **Software & Data: Expert:** AutoCAD, Civil 3D, QGIS, SUMO, Microsoft Excel, Word, PowerPoint, Revit. **Working:** Python, Google Earth Engine, Microsoft Project, PowerBI, HEC-RAS, Tekla. **Safety data:** FARS, HSIS, Landfire.
- **Traffic and Roadway Engineering:** Traffic data collection, congestion indices (travel time, Speed Performance Index, level of service), crash-data safety analysis, Before-After-Control-Impact (BACI) evaluation, traffic microsimulation, roadway design, earthworks, stormwater drainage, drainage design and detailing.

PROFESSIONAL EXPERIENCE

Research Assistant, Center for Connected Multimodal Mobility(C2M2), SCSU Jan. 2026 - Present.

- Developing advanced transportation econometric models and decision-support tools to analyze equity, economic, and safety outcomes across transportation systems using large-scale spatial and traffic datasets.
- Supporting data collection, analysis, and technical reporting for federal-relevant transportation research using hardware testbeds like Cohda, and simulation tools like SUMO, Synchro, NS-3, OMNET++, and Veins
- Investigating wildlife crossing effectiveness and habitat/network connectivity across U.S. transportation corridors using spatial and traffic safety data.
- Accepted papers in 3 prestigious venue: IEEE, AHFE Elsevier, and TRB/TRR

Civil/Infrastructure Engineer, Ove Arup and Partner Nigeria (Arup) Jan. 2024 – Jan. 2026.

- Led the geospatial accessibility analysis within the due-diligence team on the \$2 billion Lagos Green Line transit corridor, running isochrone analysis to identify stations for prioritisation, merging, or deferral, and auditing Drawings, and Bill of Engineering Measurement and Evaluation for design and cost irregularities.
- Led civil infrastructure design for three of twelve National Diagnostic Centres for the Nigerian Sovereign Investment Authority, covering roadway design, earthworks, catchment assessment, and stormwater drainage.

Graduate Civil Infrastructure Intern, Ove Arup and Partner Nigeria (Arup) Jan. 2023 – Dec. 2023.

- Designed a 100km+ road network for a 20,000-hectare agricultural development, automating drawing production with Civil 3D layout tools to cut sheet-generation time with under 1% rework.
- Tracked cost and schedule performance on rehabilitation of the Enugu-Onitsha Expressway in Microsoft Project, reconciling interim payment certificates and procurement records for two concurrent contractors

Undergraduate Researcher, Transportation Research Group, Olabisi Onabanjo University Nov. 2020 – Dec. 2021

- Led a 10-person field team to collect on-site traffic data along a major Lagos arterial corridor, then applied travel time, Speed Performance Index (SPI), and level of service (LOS) indices to locate bottlenecks and develop congestion alleviation strategies.
- Published the analysis as first author in TARCE (2024), comparing time-based and volume-based congestion indices. (Undergraduate Thesis: <https://doi.org/10.70112/tarce-2024.13.2.4243>)

Student Civil Engineering Intern, Fillet Engineering Services Mar. – Oct. 2020

- Supervised piling works to a daily target of 10+ precast piles and carried out materials stocktaking and quality assessments with a zero-error record across the placement.

EDUCATION

MS, Transportation and Highway Engineering, SCState University (GPA 4.00/4.00) Jan. 2026 - Dec. 2027

BEng in Civil Engineering (Transportation), Olabisi Onabanjo University, Nigeria. Oct. 2016 - Jan. 2022
First Class Honours. 4.53/5.00 (WES: 3.73/4.00) (Best Graduating Student in Transportation Research).

TRAININGS AND CERTIFICATION

Introduction to Traffic Flow Modeling and Intelligent Transport Systems - École Polytechnique In progress

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Engineer-in-Training Certification, Civil - SC Board.	August, 2026
DeepTech Ready Fellowship (Geospatial Data Science) - NITDA X 3MTT	Mar. 2025 - Oct 2025
Writing in the sciences - Coursera x Stanford University(with honours). [Certificate]	Oct. 2024
McKinsey's Forward Program. [Cert.]	June 2023 – Nov. 2023

AWARD AND ACHIEVEMENTS

1st Runner Prize, ITE X CBB 3M Pitch [Slides]	July 2026
Finalist, Team Lead, NOCoE X AASHTO Transportation Technology Tournament 2026 [ConOps] [Slides]	July 2026
Recipient, Center for Connected Multimodal Mobility Scholarships/Assistantships valued \$34,080	Sept. 2025
‘23 ’24 Winner - Look, Observe and Shape (LOS) Challenge [Certificate] [Slides] , [Certificate] [Slides]	

LEADERSHIP AND COMMUNITY SERVICE

Gold Judge – Technovation Challenge	Mar. 2026 – Present
Member – 5-Year (2025 - 2030) Strategy Development Committee - Arup, Nigeria	Mar. 2024 – Dec. 2024
Member – ACE Working Group, YOUNGO	Jul. 2023 - Present
Serial Volunteer, Member - YALI Network Lagos Hub.	Jul. 2022 – Present

ADDITIONAL INFORMATION

- Valid U.S. driver's license | CPT eligible | Available for part-time internships | Open to relocation nationwide
- Work samples : [Link](#)