

Nancy Kasamala

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• 803)-570-4224

Education

South Carolina State University

Master's of Science in Transportation Engineering.

Orangeburg, SC

Expected date of Graduation: May, 2026

University of Dar es Salaam

Bachelor of Science in Civil Engineering.

Dar es Salaam, Tanzania

October 2015-November 2019

Professional Experience

South Carolina State University

Graduate Research Assistant

Orangeburg, SC

August, 2024- Present

- Conducting research on transportation safety and infrastructure.
- Collaborating with faculty and professionals on projects and policy.

Kisarawe Council

Civil Engineer

Pwani, Tanzania

December 2021-May 2024

- Supervision of steel fixing, excavation, formwork shuttering, concreting and construction of walls
- Attending site and inspection meetings

Tanzania Rural and Urban Road Agency

Assistant Civil Engineer

Arusha, Tanzania

January 2020-November 2021

- Supervising quality control activities through soil testing.
- Gravel road design and site investigation using DCP test.
- Supervision of road works (gravel works, construction of concrete box culvert).
- Performing road inventory on road condition and pavements and creating road safety audit reports.

UWP Consulting LTD

Trainee Civil Engineer

Dar es Salaam, Tanzania

July 2018-September 2018

- Conducting Traffic count analysis.
- Sub grade assessment and Flexible pavement design.
- Attending site and inspection meetings

Technical Skills

Software: AutoCAD Software, Microsoft Office, ArchiCAD Software and EPANET 2.

Machine Learning & Computer Vision: Basic applications and implementation.

Leadership & Activities

Institute of Transportation Engineers Student Chapter

Secretary

Orangeburg, SC

August, 2024-Present

- Taking detailed minutes of all meetings.
- Schedule meetings and event coordination for the chapter.

Professional Membership

Institute of Transportation Engineers (ITE)

August, 2024- Present

Association of Civil Engineers (ASCE)

August, 2024- Present

The National Society of Black Engineers(NSBE)

August, 2024- Present