
Jeannine Mbabazi

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OBJECTIVE

To obtain opportunities that further develop technical and leadership skills, while obtaining personal growth and advancement tailored towards my career of choice in the field of Civil Engineering.

EDUCATION

Bachelor of Science in Civil Engineering – May 2022

Tennessee State University

Nashville, TN

Master of Science in Civil Engineering – December 2023

Tennessee State University

Nashville, TN

PHD-ENGR Computational Science

Tennessee State University

Nashville, TN

Expected Graduation – December 2025

GPA- 3.9/4.0

RESEARCH

Development of a virtual HVAC lab using BIM and AR – September 2020-May 2021

- Tennessee State University

Freight Transportation Operations – April 2021-May 2022

- Tennessee State University

Effectiveness of Cable Barrier Systems – September 2022-December 2023

- Tennessee State University

Grouping the Impact of Traffic Control Methods, Functional Categories, and Spatial Patterns on Intersection Safety – January 2023 – October 2023

- Tennessee State University

Tennessee's Statewide Model (TSM) Travel Demand Modeling Highway Network - December 2023-Current

- Tennessee State University

UNIVERSITY LEVEL PROFESSIONAL AFFILIATIONS

ITE student chapter – Fall 2021-Current

- President - Fall 2021 – Fall 2023

ASCE student chapter - Fall 2021-Current

- Concrete canoe competition - Fall 2021

The Clean Water Professionals of Kentucky & Tennessee student chapter - Fall 2021-May 2022

AWARDS/HONORS

- POTUS Fellowship - May 2022- Current
- STAR scholarship - May 2022 - December 2023
- USDA scholarship - Fall 2021-May 2022
- TBR STEM scholarship - Spring 2021
- TN hope 2 scholarship - Fall 2020-May 2022
- TSU Dean's list - Spring 2021 – Fall 2023

SKILLS

- Computer software: Abaqus, Bentley MicroStation and Geopak, Synchro, Scheduling Software, HCS, EPANET, Rocscience.
- Good time management, highly organized, multilingual, team player.

WORK HISTORY

Graduate Transportation Engineer- June 2022-Current

- Tennessee Department of Transportation| Nashville, TN
 - Worked collaboratively with contractors and engineers to ensure compliance with plans and specifications.
 - Built cost estimates using construction specifications and other project-specific information.
 - Continually developed job skills and improved overall knowledge by attending seminars and training.
 - Prepared reports

PROFESSIONAL EXPERIENCE

- Highway Design and Design Computations
- Signal Design
- Project Management
- Public Works
- Construction Surveying and Site Layout
- Land Use Approval Process

VOLUNTEER ACTIVITIES

Legacy Mission Village Nashville, TN - May 2017-Current

- Preschool and ESL class assistance
- Board member – Mar 2024

World Relief Organization Nashville, TN - Jan 2015- Jan 2017