

# ROSINA SCHAUST

Traffic Engineer

[rosina.schaust@gmail.com](mailto:rosina.schaust@gmail.com)

(380) 278-5576

123 Oak Street, Charlotte, NC 28202



## PROFILE

Results-driven Traffic Engineer with 2 years of experience in delivering effective transportation planning, design, and optimization solutions. Adept at conducting traffic impact studies, analyzing transportation data, and designing traffic signal systems. Excellent communication skills and proven ability to collaborate with multidisciplinary teams to optimize traffic flow and enhance safety. Proficient in utilizing cutting-edge traffic engineering software and tools to achieve project objectives.

## LINKS

[linkedin.com/in/rosinaschaust](https://www.linkedin.com/in/rosinaschaust)

## SKILLS

AutoCAD



Synchro



VISSIM



HCS



ArcGIS



CORSIM



TransCAD



## LANGUAGES

English



Indonesian



## HOBBIES

## EMPLOYMENT HISTORY

### ● Traffic Engineer at Kittelson & Associates, Inc., NC

May 2023 - Present

- Successfully redesigned a major intersection in Charlotte, NC, reducing traffic congestion by 35% and improving overall safety for pedestrians and drivers.
- Implemented an adaptive traffic signal control system along a 10-mile corridor in Raleigh, resulting in a 25% reduction in travel time and a 20% decrease in vehicle emissions.
- Conducted a comprehensive traffic impact analysis for a large mixed-use development project in Durham, which led to the approval of the project and the creation of over 2,000 new jobs in the area.
- Developed and executed a multimodal transportation plan for the city of Greensboro that increased public transit ridership by 15% and reduced the number of single-occupancy vehicles on the road by 10%.

### ● Associate Traffic Engineer at Davenport Engineering, NC

Aug 2021 - Apr 2023

- Led the successful redesign of a major intersection in downtown Davenport, improving traffic flow by 25% and reducing congestion during peak hours.
- Managed a team of 6 engineers in the development and implementation of a city-wide traffic signal timing optimization project, resulting in a 15% reduction in travel time for commuters and a 10% decrease in fuel consumption.
- Oversaw the installation of 50 new pedestrian crossing signals with countdown timers, leading to a 30% reduction in pedestrian-involved accidents at targeted locations.
- Conducted a comprehensive traffic impact study for a proposed commercial development, providing detailed recommendations that were adopted by the city council and resulted in a 20% increase in parking capacity and improved traffic circulation around the site.

## EDUCATION

### Bachelor of Science in Civil Engineering with a focus on Traffic and Transportation Engineering at North Carolina State University, Raleigh, NC

Aug 2017 - May 2021

Relevant Coursework: Transportation Engineering, Traffic Engineering, Highway Design, Traffic Flow Theory, Urban Transportation Planning, Pavement Design, Transportation Safety, Public Transit Systems, Intelligent Transportation Systems, Traffic Impact Analysis, and Transportation Economics.