Sanica Manglorkar

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RECENT WORK EXPERIENCE

Utility Management Analyst   **July. 2025 – Present**
Blue Cypress Consulting, LLC   *Decatur, GA*
- Collaborating with consultants and client staff to perform work method assessments and conduct project research.
- Performing analyses and creating dashboards with large utility datasets including GIS, computerized maintenance management systems (CMMS), Fats, Oils, and Grease (FOG) for clients using Tableau, Microsoft Excel, and Power BI.

Cumberland Community Improvement District   **Aug. 2024 – Jul. 2025**
Planning & Projects Intern   *Atlanta, GA*
- Engaged stakeholders and community in projects like Paces Mill Park Rehabilitation and LCI Placemaking Initiative.
- Led initiative to revamp workflow of the CID's record system of monthly district investments and StoryMaps on website.
- Created ArcGIS Online surveying applications for recording and updating district cleanup status for use by contractors.

Georgia Department of Transportation   **May 2024 – Aug. 2024**
Transportation Data Intern   *Atlanta, GA*
- Assisted implementation of first phase of Federal Highway Administration's MAP-21, involving multiple organizations.
- Updated enterprise geodatabase of Local Road Activity (LRA) using data provided by the state's regional commissions.
- Worked as a liaison between management and local governments to coordinate changes to Georgia local road network.
- Produced over 10 comprehensive city and county maps for local governments for state legislation program.

Georgia Tech School of Civil & Environmental Engineering   **Oct. 2023 – Aug. 2024**
Graduate Research Assistant   *Atlanta, GA*
- Worked on Safe Trips in a Connected Transportation Network Program, a USDOT Intelligent Transportation Systems (IT4US) funded project to develop an ADA compliant navigation system of sidewalks and roads in Gwinnett County, GA.
- Drafted and coordinated trip routes for intersection data collection team and updated centerline attribute tables after data collection using ArcGIS Pro and QGIS as a Field Intersection Inspections Admin team member.
- Collected 120 TB sidewalk data in the field, performed spatial edits and QA/QC of sidewalk data in OpenStreetMap.

EDUCATION

Georgia Institute of Technology   **May 2025**
Master of City & Regional Planning   *4.0/4.0 Overall GPA*
- Graduate Certificate in *Geographic Information Systems* & in *Sustainable Energy & Environmental Management*.
- Relevant Project: In My graduate research paper, *"EMS Delays and Health Disparities in Atlanta: A Spatial Analysis of Mortality Risk and Traffic Congestion,"* investigated how traffic-related delays in emergency medical service (EMS) travel times correlate with mortality and social vulnerability to identify disparities and propose resilience strategies.
- Leadership roles include Student Ambassador & Student Planning Association Social Chair.

Georgia State University   **December 2021**
Bachelor of Science in Geosciences   *3.7/4.0 Major GPA*
- Certificate in *Geographic Information Science* & Certificate in *Sustainability*.
- Activities included Marching Band & Winterguard. Received *Best Undergraduate Poster* award at SEDAAG 2021 Meeting.

SKILLS & INTERESTS

- **Skills:** ArcGIS Pro, QGIS, Python, Microsoft Office Suite, Power BI, Tableau, Adobe InDesign, Photoshop, & Illustrator
- **Interests:** Yoga, Paleoecology, Tactical/Strategy RPGs, 15-Minute Cities, Music Festivals, Collecting Anime Figures