

MIHIR SRIRAM ARANALA

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Professional Experience

AECOM

2023 – Present

Transportation Planner - II

Phoenix, AZ

- Headed data and GIS analysis for the 2050 Transit Master Plan, City of Mesa.
- Oversaw the compilation and mapping of existing conditions and travel patterns for 13 member cities, DART.
- Performed preliminary planning analysis and travel time modelling for LRT and BRT corridors across 3 US cities.
- Implemented Python automation processes for GIS analyses, reducing task completion times by up to 75%.
- Developed interactive dashboards and Storymaps to facilitate public outreach and engagement.

AECOM

2022 – 2023

Planning Intern

Phoenix, AZ

- Conducted spatial analysis and developed maps for various transportation and transit data reports and proposals.
- Worked with the Planning team to create interactive bilingual public outreach materials.
- Assisted in travel pattern, accident, and transit service effectiveness analysis.
- Facilitated drafting planning proposals, project memos, and technical reports.

Triple O Studio

2020 – 2021

Junior Architect, Architectural Intern

Chennai, IN

- Conceptualized initial designs for architectural projects and competitions.
- Produced technical drawings and 3-D models for interior, architecture, and urban design projects.
- Supported a \$30MN segment of a \$3BN urban revitalization project spanning 30 km in Chennai, India.
- Oversaw infrastructure mapping (sewerage, water, and electricity) and data collection using GIS and AutoCAD for 10km of street network.
- Coordinated with 3+ subconsultants and contractors oversaw scope negotiation and timely task completion.
- Represented the firm at City Corporation meetings and public engagement events with stakeholders.

Technical Skills

Data analysis & GIS: Microsoft Excel, ArcGIS Pro, StoryMap, Experience Builder, Survey123.

Transportation data platforms: Replica, Remix, Swiftly.

Design and modelling: AutoCAD, Sketchup, Rhino, Photoshop, Illustrator, InDesign.

Programming: Python, R, Arcade, SQL, HTML.

Education

Arizona State University

2021 – 2023

Master of Urban and Environmental Planning

Tempe, AZ

Umea University

2019 – 2019

Bachelor of Architecture (Exchange Semester)

Umea, SWE

Manipal University

2016 – 2021

Bachelor of Architecture

Manipal, IN

Awards and Publications

City of Phoenix - General Plan Youth Outreach

2023

- Designed a Storymap and interactive dashboard to communicate outreach findings.
<https://storymaps.arcgis.com/stories/eba478066a9746248cf59dd6ac4d4c0a>

Friends of Transit Scholarship

2023

- Recipient of the scholarship at the Women in Transportation Seminar (WTS) Phoenix Metro Chapter.

Tony Gonzales GIS Scholarship

2022

- Student presenter and scholarship winner at Arizona Geographic Information Council GIS Symposium and Training.

Professional Development

Professional Representative

2022 – 2023

Student Planning Association, ASU

International Student Coordinator

2021 – 2023

Graduate Student Committee, ASU