Sharanya Varma

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EDUCATION

UNIVERSITY OF ILLINOIS
Master of Urban Planning
Transportation and Land-use concentration with advanced GIS
Aug 2021 - present
Urbana-Champaign,IL
Current. GPA: 4/4

BANGALORE UNIVERSITY
Bachelors in Architecture
Aug 2015- Sep 2020
Bangalore, India
Honours- Rank 1, Gold medalist
Cum. GPA: 3.8/4

SKILLS

GIS
ArcGIS | QGIS

MICROSOFT OFFICE
Word | Excel | PowerPoint

ADOBE CREATIVE SUITE
Photoshop | Illustrator | Indesign
PremierPro | Lightroom

CAD
AutoCAD | Revit | Rhino

PROGRAMMING/DATA ANALYSIS
R | Python | Tableau

OTHER SKILLS
Dancer
Indian classical singer
Theatre artist

COURSEWORK

GRADUATE
Transportation planning
Neighborhood analysis with R
Advanced GIS
CyberGIS and
Geospatial data science
Physical planning

UNDERGRADUATE
Architectural design
Computer application in design
Urban design
Structural design
Basic design

WORK EXPERIENCE

MALLESWARAM URBAN LIVING LAB | Researcher/analyst, Part-time
Aug 2020 – May 2021 | Bangalore,India
- Conducted walk-ability surveys/research, analysis and designing proposals for pedestrian mobility ; Worked in tandem with Department of urban land and transport, Bangalore.
- Quantitative data entry with analysis on Excel and Google maps. Data visualization and graphics using Tableau and Illustrator
- 15-minute neighborhood project "Walk-able-Malleswaram" to reclaim and pilot well-designed slow-ways, leveraging the existing conservancy lanes.
- Compiled demographic data related to housing, land use, and transportation and created maps and interactive data visualizations for the same.

ENCOMPASS TECH | Consultant Architect
Sep 2020 – Jun 2021 | Bangalore,India
- Involved in preparation of layouts, shop drawings, built drawings, estimates, and pre-sales for 2 major 25,000SqFt commercial buildings.

GOOD EARTH | TRAINEE ARCHITECT
Jun 2019 – May 2020 | Kozhikode,India
- Worked on design, Master planning, research, documentation, working drawings, interior detailing, drawings, and 3D modeling.
- Researcher for Thalassery heritage project - led the team for ground research and documentation of 15KM2 area, context survey, feasibility analysis for project report.

BANGALORE UNIVERSITY | Teaching assistant
June 2018 – May 2019 | Bangalore,India
- Assisted professor Prof.Dr.Pavan Kumar , head of the department
- Trained/mentored juniors/Undergraduates in Photoshop and Illustrator

PROJECTS

Shivajinagar transit hub redevelopment, Bangalore,India
Undergraduate project | 2019
- Physical planning project on decentralization of bus routes to increase public transportation and optimise connectivity.
- Analysis and proposal to design a multi-modal transit hub to improve the efficiency and speed of movement in Shivajinagar.

Data analysis for Oakland,CA
Graduate term project | 2021
- Neighbourhood and city level analysis of demographic, housing and other population data , creating data visualizations and maps using R and GIS. Existing policy analysis based on the data.

Master plan project proposal for County fair, Champaign,IL
Graduate term project | 2021
- Master plan proposal for county fair site in Champaign, detailing the spatial arrangement, mix of land uses and infrastructure on site.
- Project report consisting off site engineering, waste water management ideas, green and low impact development master plans with transit oriented urban design paradigms incorporated in the site.