Divya Krishnan

Milwaukee & Madison, Wisconsin • +1-650-334-8659 • divya.brookfield@gmail.com

Design-driven and analytical problem-solver passionate about integrating technology, data, and environmental insight to address spatial and human challenges. Skilled in GIS, visualization, and data analytics, with a strong foundation in design thinking and user-centered solutions. Combines technical expertise with creative and social perspectives to deliver clear, impactful results across disciplines and industries.

Education

University of Wisconsin-Madison	Madison, WI
B.S. in Cartography + GIS, Data Science, People-Environment Geography	May 2027

Certificates in French, *Environmental Studies (Completed)*
GPA: 3.5
Extracurriculars: Women in Business-Technology, Graphic Designer for Wisconsin Engineer Magazine, Geography Club, UW Design Interactive

Experience

IT Analytics Intern	Glendale, WI
Clarios	June 2025 - August 2025

- Designed and maintained automated data pipelines in SQL, Snowflake, and Matillion to support financial reconciliation and enterprise reporting.
- Translated complex business requirements from Finance, Supply Chain, Procurement, and HR into scalable analytics solutions, aligning technical deliverables with operational goals.
- Developed interactive Power BI dashboards and data visualizations to communicate insights effectively to non-technical stakeholders across departments.
- Resolved data integration and quality issues within QAD ERP systems, improving data consistency and reporting accuracy.
- Collaborated cross-functionally with business and engineering teams to enhance data-driven decision-making and process visibility across the organization.
- Gained hands-on exposure to manufacturing and automotive operations, including the car battery production process, and explored the role of AI and analytics in optimizing future industry performance.

Student Cartographer	Madison, WI
UW Cartography Lab	September 2024 - Present

- Create custom static and interactive maps for university and external clients using ArcGIS Pro, ArcGIS Online, QGIS, and Adobe Illustrator.
- Manage projects end-to-end, including data sourcing, cleaning, spatial analysis, and cartographic design, ensuring maps align with client goals and visual standards.
- Apply design and human interaction principles to produce clear, accessible, and visually cohesive maps for print and web.
- Collaborate directly with clients such as the Center for the Study of the American Constitution and the Wisconsin Idea Seminar, contributing maps for published works and statewide outreach initiatives.

	Madison, WI
	September 2025 - Present
Library Assistant	
Robinson Map Library	

- Overseeing general library duties
- Scanning historical aerial imagery from WW2 to aid in data for government projects

- Location aerial imagery upon request of other organizations, companies, and professionals such as lawyers

Student Developer

Code the Way
- Contributed a combined 200+ hours to help develop a website for https://lead2changeinc.org/ through a nonprofit organization Code the Way.
- Gained proficiency in React, Javascript, HTML, and CSS
- Collaborated with fellow team members and managed responsibilities using Agile methodology
- Presenting final outlook of project to a large group of fellow students and local tech professionals

Skills

Language:
- Native Fluency: English, Tamil
- Professional Fluency: French

Technical:
- Programming Languages - (*Experience with Software Development, Data Science, Geocomputing, & Web Development*): Java, Python, R, SQL, Javascript, HTML, CSS, ReactJS
- Analytics Tools: Snowflake, Matillion, PowerBI, Tableau, Attunity, Azure DevOPs
- Geospatial Tools: ArcGIS Pro/Online/StoryMaps, QGIS, Mapbox ENVI
- Adobe Creative Cloud: [Illustrator (Certified)](), Photoshop, Premiere Pro, Indesign, After Effects, Lightroom

Domain Knowledge/Experience In:
- Manufacturing & Battery/Automotive Industry
- Basketball/Sports Analytics & Visualization
- Finance, Supplychain, Procurement
- Environmental Science, Physical + Human Geography, Urban Planning, Civil Engineering

Relevant Coursework

STAT 340 - Data Science Modeling II
CS 300 - Java Programming II
CS 320 - Python Programming II
GEOG 378 - Geocomputing (Python)
GEOG 579 - Advanced GIS & Analysis
GEOG 572 - Graphic Design in Cartography
GEOG 338 - Environmental Biogeography