

Hello, I'm Yutong Jiang

I'm a senior undergraduate at the University of Wisconsin-Madison, majoring in Cartography & GIS and Digital Studies. I'm passionate in Geovisualization, Cartography and Geospatial Analysis with a special interest in creating impactful and accuracy geographical data visualization.

Education

SEPTEMBER 2020 - MAY 2024

University of Wisconsin-Madison, Madison, WI- *Bachelor of Science*

Cartography & Geography Information System

- Courses: Programming for Geocomputing & Geospatial Big Data Analysis; Graphic Design and Storytelling in Cartographic Representation; Web Programming for Interactive Cartography & Geovisualization; Spatial Database Design and Development; Application of GIS in Planning; Quantitative Methods for Geocomputing; Spatial Point Cloud Data Application and Remote Scencing

Digital Studies Certificate - *Undergraduate Minor Certificate*

- Courses: Digital Communication and Digital Presentation; Visualizing Science & Technology; Graphic Design; Three-Dimensional Design; Video Games & Video Games Culture

Relevant Experience

SUMMER 2023 - PRESENT

UW Spatial Computing and Data Mining Lab - *Research Assistant*

- Interactive Web Map Development: Engaged in creating and optimizing Leaflet interactive web map visualizations; enhanced the visualization aspect to include interactive features that allow users to explore and analyze crop yield data efficiently.
- Database Management: Responsible for maintaining, updating, and ensuring the integrity of the crop yield geodatabase. Employed advanced data mining techniques to extract valuable information, supporting ongoing research and development efforts in the lab.

SUMMER 2022

Sinovation Ventures Design assistant in DeeCamp Artificial Intelligence Training Camp and Innovation Competition, Beijing, China - *Group Design Manager*

- Cooperate with four group members, using Artificial Intelligence and programming languages to explore the using of AI algorithms.
- Using Adobe illustrator to design a twenty-page-presentation of the group project.
- Record the project details presentation video and do the online presentation of the project.

SUMMER 2021

Shanghai City GIS Developing Co.,Ltd, Shanghai, China - *Data Labeling and Map Digitizing Intern*

- Utilized ArcMap and ArcGIS Pro to digitize a printed map and create a digital street map of Shanghai.
- Combined the digital map with relevant datasets to enhance its accuracy and completeness.
- Enhanced knowledge of cartographic principles and best practices for creating accurate and visually appealing digital street maps; operated image annotation software to enhance map elements and provide valuable information for users.

Awards

2022

49th Annual CaGIS Map Design Competition - *Arthur Robinson Award Honorable Mention*

- My printed thematic map "Where's Your Next Race? Discover Amazing Marathon Races In Mainland U.S." won the honorable mention of 49th Annual CaGIS Map Design Competition for printed map.