

Yalin Yang

Ph.D. Candidates, Department of Geographical Information Science, UT Dallas
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AREAS OF RESEARCH

- Geographic Information Science (GIS)
 - Social Networks Analyzing
 - Geospatial Data Science
 - Association Rules Mining
 - Urban Environmental Modeling
 - Android and Cloud Service (AWS) Developing
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EDUCATION

2019 - Present **Ph.D. Candidates.** University of Texas at Dallas, Dallas, Texas, US
Advisor: Dr. [May Yuan](#)

2017 - 2019 **M.A.** in Geography. Binghamton University, Binghamton, NewYork, US
Thesis: *A framework for analyzing real-time house rent using open data.* Advisor: Dr. [Chengbin Deng](#)

2013 - 2017 **B.S.** in Geographic Information Science(GIS). Yunnan University, CN
Thesis: *Add-in plug-in Development For Dislocated Water System Extraction.* Advisor: Dr. [Jisheng Xia](#)

APPOINTMENTS

2020 - Present GIS Administrator, GAIA Lab, UT Dallas

2019 - Present Teaching Assistant, Department of GIScience, UT Dallas

2018 - 2019 Teaching Assistant, Department of Geography, Binghamton University

AWARDS & HONORS

2022 Pioneer Student Research Grants. UT Dallas.

2022 ESRI Innovation Program Students of the Year

2021	Ph.D. Research Small Award. UT Dallas.
2019	Pioneer Student Research Grants. UT Dallas.
2019	AAG-UCGIS Summer School Travel Award.
2014	Second Prize, The 7th Chinese College Students Computer Design Competition, Nationwide
2012	Third Prize, The 27th Chongqing Youngsters Innovation & Invention Competition, Province-wide
2012	Science & Technology Innovation Award, Youngsters in and out of Class Competition, Province-wide
2011	Second Prize, The 26th Chongqing Youngsters Innovation & Invention Competition, Province-wide

TEACHING & ASSISTING

Courses at the University of Texas at Dallas

GISC 6301	<i>Geo-Spatial Data Analysis Fundamentals.</i> Fall 2019, Fall 2020
GISC 6323	<i>Machine Learning for Socio-Economic and Georeferenced Data.</i> Fall 2019, Spring 2021
EPPS 7310	<i>Advanced GISC Data Analysis.</i> Spring 2021
EPPS 6316	<i>Applied Regression.</i> Fall 2020
EPPS 6324	<i>Data Management for Social Science Research.</i> Spring 2020
GISC 7360	<i>GIS Pattern Analysis.</i> Spring 2020
EPPS 7V81	<i>Advanced Data Programming.</i> Summer 2020
GISC 6321	<i>Spatial Data Science.</i> Fall 2021
ENVR 2302	<i>The Global Environment.</i> Summer 2021

Courses at the Binghamton University

GEOG 101	<i>Intro To Geography.</i> Fall 2018
GEOG 260	<i>Intro GIS / Spatial Analysis.</i> Fall 2018
GEOG 463	<i>GIS And Spatial Analysis.</i> Spring 2019