

Shan Gao

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EDUCATION	Master of Advanced Study, Geographic Information Systems Arizona State University Capstone: Monitor Central Arizona Lakes - Assessment of Image Classification Methods	Summer 2022
	Bachelor of Science, Human Geography and Urban Planning Hainan University Graduation Project: Analysis of Mangrove Area Change in Dongzhaigang Nature Reserve - Based on Google Earth Engine	Spring 2021
	Bachelor of Science, Parks and Recreation Management Arizona State University	Spring 2021
COMPUTER SKILLS	Softwares: ESRI ArcGIS Software, SQL Server Management Studio, Google Earth Engine, AutoCAD, Azure, Ubuntu 22.04, Metashape Languages: Python, SQL, HTML, CSS, JavaScript, LaTeX	
EXPERIENCE	Student Intern Jiwei Li's Remote Sensing Lab, Global Discovery and Conservation Science	Fall 2021
	<ul style="list-style-type: none">Use Google Earth Engine to explore the mangrove area change in Hainan island, Learn to use supercomputer Agave in ASU.	
	Student Assistant Keqin Sun's Project of Earth Resources and Environment Project	Summer 2020
	<ul style="list-style-type: none">Systematically learn the relevant knowledge of Word Heritage protection issue, and Master the basic methods of academic paper writing.	
PROJECTS	Tempe Public Art School of Geographical Sciences & Urban Planning	Fall 2021
	<ul style="list-style-type: none">Selected proper sites for public art installations following economic, racial, and social equity principles, provides an ArcGIS Online Web App of integrated data.	
	Tempe Micromobilities School of Geographical Sciences & Urban Planning	Spring 2022
	<ul style="list-style-type: none">Provide types of census data including demographics, land use, accident data, transit data to help make decision of mobility hub site selection.	
	ASU Bike Rack Survey School of Geographical Sciences & Urban Planning	Spring 2022
	<ul style="list-style-type: none">Utilized Bad Elf combined with ArcGIS Collector, recorded the XY location, capacity, type, and offset distance in attribute of outdoor bike & scooter racks in Tempe campus.	
WEBSITES	https://github.com/sgao52 https://shang.maps.arcgis.com	

