

Zhi Keng He

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Skills	Full Stack Development: Python, HTML/CSS, Javascript (React), SQL GIS/ Data Visualization & Analysis: ArcGIS, QGIS, Python, R, Excel, D3.js	
Experience	U.S. Census Bureau <i>Civic Digital Fellow</i>	June 19- Current
	<ul style="list-style-type: none">Improving developer documentation for census data by creating a more interactive and accessible website with lessons, and example applications.Building visualizations and tools to aid in the digital marketing of the 2020 Decennial Census and Census Bureau data.	
	American Geographical Society <i>Digital Design Intern</i>	Feb 19 - Current
	<ul style="list-style-type: none">Constructing, composing, and designing interactive and dynamic academic peer-reviewed web map articles using ESRI, Leaflet, and OpenStreetMap.	
	Manhattan Borough President's Office <i>Public Service Scholar</i>	Sep 18- May 19
	<ul style="list-style-type: none">Collected research on various transportation, education, and technology policy by attending hearings, task force meetings, and through community engagement.Conducted data analysis and surveys on various infrastructure and service delivery metrics of city agencies.	
	NYC Department of Transportation <i>GIS College Aid</i>	Jun 17- May 19
	<ul style="list-style-type: none">Worked with Javascript and Python to create prototypes, applications, and tools for internal and public use to aid in data collection, visualization, and planning.Created and managed databases, metadata, and datasets by utilizing scripts in R, Python, and SQL.Developed data workflows to digitize and geocode, paper and non-spatial datasets.	
	NYC Department of City Planning - <i>ITD Intern</i>	Jun 16 - Aug 16
	<ul style="list-style-type: none">Assisted the Information Technology Division by validating and updating geographic data files that support the activities of the department and other city agencies.Worked with ArcGIS and created a web application to expedite research. Conducted research to clarify geographic problems.	
Education	The City University of New York (CUNY): Hunter College Bachelors of Arts: Geography (GIS)	June 2019
	Activities : President of Geography Club & Web Development Club Honors: Public Service Scholar, Gamma Theta Upsilon	