**Sijia Wang**

1010 West Green Street ⦁ Urbana, IL 61801 ⦁ 646-233-7406 ⦁ swang183@illinois.edu

**EDUCATION**

**UNIVERSITY OF ILLINOIS** Urbana – Champaign, IL

 M.S. in Geographic Information Science Candidate, May 2021

 Illinois Professional Science Master’s Concentration

B.S. in Earth, Society and Environmental Sustainability May 2019

 B.A. in Geography and Geographic Information Science

**EXPERIENCE**

**UNIVERSITY OF ILLINOIS, DR. KASHEM LAB** Urbana – Champaign, IL

**Graduate Intern** May 2020 – August 2020

* Developed a tutorial for an introductory GIS class on how to use an existing AR-GIS application
* Compiled a literature review on the current state and future trends of AR-GIS technology by synthesizing information from 12 academic articles

**INTRODUCTION TO DATA SCIENCE CLASS PROJECT** Urbana – Champaign, IL

**Student Researcher**  August 2019 – December 2019

* Extracted 10 suitable land parcels from over 26,000 potential candidates stored within a CSV file for a hypothetical company headquarter site selection project using RStudio
* Articulated how the execution of the project adhered to the data science lifecycle process through the organization of a 13-page final report

**TRANSPORTATION AND SUSTAINABILITY CLASS PROJECT** Urbana – Champaign, IL

**Student Researcher** August 2018 – December 2018

* Analyzed 11 journal articles to formulate an overview on how the concept of urban pedestrian accessibility has evolved in academic research
* Produced a term paper addressing how these articles reinforced or challenged one another based on their citations

**DIGITAL CARTOGRAPHY AND MAP DESIGN CLASS PROJECT** Urbana – Champaign, IL

**Student Researcher**  August 2017 – December 2017

* Investigated distributions of low-income households and low-value housing units in Puerto Rico
* Designed a map-based poster to visualize the spatial relationships between the two parameters

**ILLINI 4000**  Urbana – Champaign, IL

**Rider**  October 2015 – August 2016

* Engaged in a bicycle ride from New York City to San Francisco over the summer of 2016 to spread cancer awareness and raise funds for cancer-related research across the United States
* Coordinated with teammates during rides and assisted each other to accomplish daily tasks
* Challenged to remain focused and resilient under adverse conditions

**ADDITIONAL**

* Language Skills: native in Mandarin, fluent in English
* Microsoft Office: Word (Advanced), PowerPoint (Advanced), and Excel (Advanced)
* GIS Related: ArcGIS (Advanced), Adobe Illustrator (Intermediate), Python (Intermediate), R (Intermediate)