Kelly Wanjing CHEN, Ph.D.

240-490-0804 | chenwanjing0726@gmail.com | Norfolk, VA | U.S. Permanent Resident

PROFESSIONAL SUMMARY

- 10 years of experience generating insights from data for diverse audience.
- Proven ability to work with mid- to large-scale datasets.
- Specialized expertise in geospatial data analysis and visualization.
- Detail-oriented, analytical, and innovative professional passionate about supercharging institutional data capacity and driving evidence-based decision-making.

EXPERIENCE

Data Analyst   **Jul 2024 – Present**
Consilient Research   **Remote Work in United States**

- Upgrade, optimize, and maintain the company's internal data pipeline to enable scalability.
- Generate real-time business analytics from internal databases to support business development.
- Clean and analyze mid- to large-size datasets using SQL and Python.
- Serve as the GIS and remote sensing expert, delivering geospatial data services using QGIS and Earth Engine to clients.
- Provide ad hoc data support and develop data management tools for cross-functional teams.

Assistant Professor   **Sep 2020 – Jan 2024**
Hong Kong University of Science and Technology   **Hong Kong**

- Conceptualized, designed, and executed multiple research projects using both quantitative and qualitative methodology. Outcomes included 17 peer-reviewed articles, 20 presentations at national and global conferences, and 4 multimedia publications.
- Created, taught, evaluated, and revised curriculum and assessments for two courses, including research methods.

Doctoral Researcher   **Sep 2014 – Jul 2020**
University of Wisconsin-Madison   **Madison, Wisconsin**

- Built, cleaned, and managed original datasets of nearly 500 surveys and 100 key informant interviews on Chinese outbound investment, conducted data analyses, and produced a book-length publication that won national award.
- Conducted geospatial data analysis and produced publishable cartographic product tracking urban development in Southeast Asia using QGIS.

EDUCATION

- **MSc in Data Science**, Old Dominion University   Sep 2024 – Present
- **Ph.D. in Geography**, University of Wisconsin-Madison   Sep 2014 – Jul 2020
- **MSc in Geography**, Beijing Normal University   Sep 2011 – Jul 2014
- **BSc in Geography Information System**, Beijing Normal University   Sep 2007 – Jul 2011

SKILLS

- Proficient in SQL, Tableau, Excel, Google Sheet, Canva, QGIS
- Intermediate in Python, Earth Engine