**WEI DANG**

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**EDUCATION**

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

M.S. in Geographic Information Science Candidate, December 2022

Illinois Professional Science Master’s Concentration

**SHANDONG NORMAL UNIVERSITY**  Shandong, China

B.S. in Remote Sensing Science and Technology June 2020

**EXPERIENCE**

**NINGXIA METEOROLOGICAL’ S BUREAU**  Yinchuan, Ningxia, China

**Intern** June 2020 - June 2021

* Processed satellite remote sensing data, obtained the vegetation distribution area in Yinchuan, Ningxia Province, China which covers an area of 3663.53 mile2
* Monitored ecological remote sensing, obtained vegetation cover data in August 2020 and January 2021

**GEOGRAPHIC INFORMATION PRACTIC** Omaha, NE

**Intern** June 2019 - July 2019

* Carried out land use classification mapping in the southern mountainous area of Jinan city which covers an area of 220.61 mile2
* Observed and classified ground into 20 objects in the experimental area
* Integrated the data in the lab. Combined the field measurement data with remote sensing data, used Arcmap software for geographic calibration, vectorization of remote sensing data and land use classification.
* Made the corresponding thematic map of land use classification

**DIGITAL MAPPING AND GPS PRACTICE**

**Intern**  June 2018 - July 2018

* Mapped the buildings and other ground objects in the campus which covers an area of 1.00 mile2
* Used GPS RTK and total station for calibration of buildings on campus and coordinate observation of ground objects
* Exported the collected data from the instrument
* Used EPS software for digital mapping

**ADDITIONAL**

* Fluent in English and Chinese
* Microsoft Office: Excel (Intermediate), PowerPoint (Intermediate) and Word (Intermediate)
* GIS Skills:ENVI, ArcGIS, MATLAB, C#, Java and Python