

Qihang Wang

Personal Information

Email: q338wang@edu.uwaterloo.ca

Language: English and Chinese (first language)

Education (undergraduate)

Bachelor of Honours Geomatics, University of Waterloo	2015---2019
Bachelor of Remote Sensing, Capital Normal University	2015---2019
Master of Engineering, System Design Engineering coursework program, UW	2019---present

Research Experience

Undergraduate geomatics students

University of Waterloo, ON

- Analyze the spatial autocorrelation between crime and land use in Chicago and perform the crime hotspot map
- Analyze the potential greenroof building in the City of Waterloo using Light Detection and Ranging (LIDAR)

Software

ArcMap, ArcCatalog, ENVI, PCI Geomatica, eCognition

Programming Language

Python, Structured Query Language (SQL)

Skills

Spatial statistics, Spatial analysis, Network analysis, Time series

Research Interest

AI, machine learning and computer vision