

Mengyu Liang

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Education

May 2017: **Bachelor of Science**, Geography and Cartography/Geographic Information System (GIS),
University of Wisconsin-Madison. **Honors**

GPA: 3.87/4.00

Research Experience

2016-2017: **Independent Honors Senior Thesis Research Project**: Interaction of human settlement,
vegetation patterns and soils in the Northern Minnesota prairie-forest region from the Euro-
American settlement era to Present

2016-2017: **Data Science/Visualization Technician** at Agricultural and Applied Economics Department,
UW-Madison

2016-2017: **Data Analyst** at Paleogeography Lab, Department of Geography, UW-Madison

2016: **Research Assistant** at Center for Sustainability and Global Movement, Nelson Institute, UW-
Madison

2014-2016: **Research Assistant and Lab Technician** at Geomorphology Lab, Department of Geography,
UW-Madison

Working Experience

2013-2017: **Circulation Assistant** at Math and Chemistry library, UW-Madison

2013-2014: **Filed and Office Assistant** at Behavioral Experimental Economics Research Program, School
of Human Ecology

2013: **Math and English Tutor** at a private Elementary and Middle School tutoring agency in Kunming,
China

Activities

2016-2017: **Volunteer Web-based Mapping Designer** at Antarctic Meteorological Research Center,
Space Science & Engineering Center, UW-Madison

2015-2017: **Conversational English Volunteer Tutor** at Great University Tutoring Service, UW-Madison

2015: **Japanese Language Exchange Participant** at Japanese Student Association, UW-Madison

2015: **Director of Internal Affairs and Mentor** at Multicultural Business Student, UW-Madison

2015: **GIS and Cartography Academic Coach** at Division of Diversity, Equity & Education
Achievement, UW-Madison

2013-2014: **Tax Return Preparer** at Volunteer Income Tax Assistance (VITA) program, Internal
Revenue Service, Madison, WI

2013: **Volunteer Event Facilitator** at World Language Day, Madison, WI

Publications

- Mason, Joseph, Kasmerchak, Chase, Keita, Hawa, **Liang, Mengyu**, Gruley, Kristine, 2016, Effects of Holocene vegetation change on soils across the forest-grassland transition, northern Minnesota, and implications for erosion processes, Geophysical Research Abstracts Vol. 18, EGU2016-5275.
- Mason, Joseph, Kasmerchak, Chase, **Liang, Mengyu**, 2016, Monitoring aggregate disintegration with laser diffraction: A tool for studying soils as sediments, Geophysical Research Abstracts Vol. 18, EGU2016-5279.

Upcoming Presentations

April 2017: Undergraduate Symposium, University of Wisconsin – Madison

May 2017: Senior Honors Thesis Symposium, University of Wisconsin – Madison

Honors and Awards

2016: L&S Honors Summer Senior Thesis Grant, \$3000

2016: Kohn Award- Department of Geography, \$750

2016: UW-Madison Cartography Lab Annual Design Challenge Honorable Mention

2015: College of Letters and Science General Scholarship, \$500

2014: Welton Summer Sophomore Research Apprenticeship Grant, \$2000

2014-2017: College of Letters and Science Honors Program

2013-2017: Dean's List (6 semesters)

Skills

Programming skills

Python ●●●●●
MATLAB ●●●●○
HTML/CSS ●●●○○
JavaScript ●●●○○
GDAL/OGR ●●●○○

Software skills

ArcGIS ●●●●●
Microsoft Suite ●●●●●
Adobe Illustrator ●●●●●
Adobe Photoshop ●●●●○
ENVI ●●●○○

Language skills

Chinese ●●●●●
English ●●●●●
Japanese ●●●○○

Interests

Badminton, running, hiking, traveling, reading, listening to music, crafting, and Chinese calligraphy.