
Zhixing Xu

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Education:

University of Wisconsin-Madison, B.S. (Sep2013-Dec2018)

- Forest Science, Major.
- Environmental Studies, Major.
- Japanese, Major.

University of Wisconsin-Madison

- Online GIS Fundamental Capstone Certificate (Sep2020-Dec2020)
- Online Advance GIS Capstone Certificate (Jan2021-present)

Work Experience:

Field Worker, UW-Madison Lancaster Agricultural Research Station (Oct2015)

- Silvopasture site preparations including removing slash piles, clearing wind blown snags, and recording existing inventory measurement.

Lab Assistant, Townsend Lab at UW-Madison (May2017-Aug2017, Sep-Dec2017)

- Rearranging past studies foliage samples and processing for PCR.
- Fresh foliage sample treatment.
- Fresh foliage sample spectrum measurement with SVC, PSR, and ASD spectrometers.
- Lab data recording and interpretation.
- File organizing.
- Remote sensing data processing and entry.

Staff Forester Intern, Steigerwaldt Land Service-Hayward Office (May2018-Aug2018)

- Timber marking at managed red pine plantations and mixed hardwood forests.
- Riparian Management Zone line and property boundary line setting & painting at managed forest sites.
- EAB trap set up and monitoring.
- Log scaling with senior foresters at various active harvesting sites.
- Red pine plantation monitoring with other senior foresters.
- Making cruise map and adjusting property boundaries for past projects via ArcGIS.
- Digitizing past and present company files and importing company database.
- Miscellaneous works including changing sale signs, company equipment maintenance, past project data entry, and job shadowing for other forestry works.

LTE Forestry Technician, Wisconsin Department of Natural Resources (May2019-Nov2019)

- Conducting regeneration survey for Forest Regeneration Monitoring Program in Managed Forest Law properties and in State/National forests with different harvest treatments.
- Working with private landowners to negotiate for access permission and solve program related issues.
- Organizing collected data and submitting reports.

Certifications & Skills:

- Proficient with Microsoft Office suites.
- Proficient with ArcGIS software.
- Chainsaw safety certificate.
- FAA 107 Unmanned Aircraft System pilot certification.
- Proficient in Video editing.
- Familiar with Image 3D modeling with Agisoft Photoscan.
- Proficient in navigating with GPS systems or apps and relevant data managements.
- Fluent in Japanese.

References:

- Scott Bowe, Professor and Wood Products Specialist, Kemp Natural Resources Station, 9161 Kemp Road, Woodruff, WI 54568, Phone: 608-265-5849, E-mail: sbowe@wisc.edu
- Joshua B. Burling, Steigerwaldt Land Service, Regional Operation Director, E-mail: josh.burling@steigerwaldt.com, Phone: 715.699.1401, ext. 203.