

Nicholas Witthoeft

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Education

University of Minnesota, Twin Cities

- Bachelor of Science, Forestry and Natural Resources Management (2018 - 2022 expected)
 - Minors in Computer Science, GIS
 - Relevant Coursework
 - CSCI 1933: Intro to Data Structures
 - FNRM 3131: GIS for Natural Resources Management
 - FNRM 3262: Remote Sensing and Analysis of Natural Resources

Experience

Sentera Minneapolis, MN

(May 2020 - September 2020)

Geospatial Technician Intern

- Analysis of remote sensing spectral data.
- Design workflows with ArcPy and ModelBuilder to automate analyses.
- Evaluation of metrics to determine crop health and yield.

University of Minnesota, Turfgrass Research Lab Saint Paul, MN

(Dec 2019 - Present)

Undergraduate Research Assistant

- Maintain and collect data on experiments in a greenhouse and growth chamber setting.
- Assist in laboratory setting with flow cytometry, PCR, and other molecular biology procedures.
- Provide assistance in spatial data analysis.

University of Minnesota, Student Activities Office Minneapolis, MN

(Dec 2018 - May 2020)

Event Planner

- Plan, budget and execute events serving the student body of the university.
- Work with outside vendors and partners to provide activities for students on campus.
- Planned, executed, and budgeted events up to \$50,000.

Skills

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|---------------------------|------------------------|
| ● Python, R | ● ArcGIS Suite |
| ● Technical Communication | ● Plant Tissue Culture |