

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:
 - FNRM 3262: Advanced Remote Sensing and Geospatial Analysis
 - FNRM 3104: Forest Ecology
 - CSCI 1933: Introduction to Algorithms and Data Structures

Experience

Senterra Minneapolis, MN (May 2020 - Dec 2020)
Geospatial Analyst Intern

- Generate crop analytics from original imagery to completed product.
- Used GIS tools and custom software to analyze imagery for agronomic insight.
- Developed new models, scripts and workflows to automate processes for crop monitoring and assessment.

University of Minnesota, Student Activities Office Minneapolis, MN (Dec 2018 - May 2020)
Event Planner

- Plan 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.

University of Minnesota, Turfgrass Research Group Saint Paul, MN (Dec 2019 - May 2020)
Undergraduate Research Assistant

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

Skills

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|-------------|---------------|------------------|
| • Python, R | • ArcGIS/QGIS | • Image Analysis |
| • OpenCV | • Git | • Plant Biology |

Awards

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| • Julia Carson Scholarship | - Student Employee Excellence |
| • Henry Schmitz Student Leadership Award | - Leadership |
| • Undergraduate Research Program Grant | - Research |
| • CFANS Natural Resources Alumni Scholarship | - Academic |
| • Edward A. Everett Scholarship | - Academic |
| • Leon C. Snyder Scholarship - Minnesota Landscape Scholars | - Academic |