

# SAM MANSFIELD

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## Education

University of Iowa

Bachelor of Science in Sustainability Sciences

Cumulative GPA: 3.26/4.0

Iowa City, IA

May 2022

## Relevant Experience and Project Work

### Environmental Education Intern

**Summer 2021**

*Knoch Knolls Nature Center*

*Naperville, IL*

- Assisted program manager in planning and running environmental camp programs for ages 5-12
- Led activities designed to help kids experience nature and learn about environmental principles
- Answered phones, scheduled programs, and assisted visitors in the Nature Center

### Projects

**2020-2022**

*LEED Certification Research*

- Final project for environment internship studied the LEED Certification process and results for the Knoch Knolls Nature Center

*Campus Rain Garden*

- Worked with Landscape Services to build a garden, using native plants and grasses, designed to capture runoff and filter water into surrounding soil

*Climactic Analysis using R*

- Determined the relationship between climatic variables and NPP (net primary production) in the Boreal Forest region using R package 'mgcv'

*Climate Change and the Ski Industry*

- Constructed three sets of maps using ArcGIS Pro for a semester research project on the impact of climate change on the ski resort industry

## Additional Experience

### Student Lead

**August 2020 – present**

*Catlett Marketplace*

*Iowa City, IA*

- Set service examples for 150+ student employees
- Maintain fast, efficient, quality service while serving 1000+ students per meal

### Summer Camp Counselor

**2018 - 2020**

*Naperville Park District*

*Naperville, IL*

- Ran summer camp sessions for kids aged 5-13
- Planned daily activities and games, organized field trips, and mentored new counselors

## Activities and Interests

**Environmental Coalition at the University of Iowa**

**Phi Gamma Delta Fraternity**

- Sustainability Chair
- Mental Health Chair

**Skills**

ArcGIS Pro, RStudio, Word, PowerPoint, Excel