

# Tayler Kordiak

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## Sustainable Ecosystem Science Profile

I am studying Ecosystem Science and Sustainability and interested in fieldwork and data collection, while in school I have been involved in lab work and GIS and have worked within my college and out in the field. I am most skilled in sustainable practices, and pesticide and larvicide applications. My core qualities of empathy, inclusiveness, and compassion contribute to my ability to connect with colleagues and think big picture. My core competencies include:

- Field Experience
- Surveying and Collecting
- GIS Esri Map Certified
- Knowledge of the Loveland Front Range

## Education

**Bachelor of Science, Ecosystem Science and Sustainability**  
Colorado State University (CSU), Fort Collins, Colorado

**Expected May 2025**  
GPA 3.2

## Relevant Work Experience

**Deli Clerk/Meat Clerk**, Sprouts Farmers Market

**August 2024-Present**  
**February-May 2024**

- Prepare fresh meals and order product for the department
- Ensure food safety standards and maintain a clean work environment
- Opportunity for growth and learning within a fast-paced department

**Surveillance Technician**, Vector Disease Control International

**Summer 2024**

- Assembled, placed, and retrieved CDC light and Gravid traps in Laramie County
- Determined mosquito distribution, density, and species using a microscope
- Prepared mosquito samples for PCR testing

**Physics Lab Assistant**, Colorado State University

**2023-Present**

- Assembled and maintained physics experiments from lowest to highest levels of physics
- Learned and operated soldering iron
- Performed laboratory skills and assisted in directing labs

**Mosquito Field Technician**, Vector Disease Control International

**Summer 2023**

- Identified and logged data to monitor larval mosquito numbers in Laramie County
- Educated and communicated the best practices to avoid the West Nile Virus to the public
- Applied larvicides in areas of standing water
- Effectively managed time by prioritizing tasks independently

**Landscaping Crew Member**, Coon Rapids Public Works

**Summer 2022**

- Collaborated with teams to complete projects around the city
- Cultivated and sustained diverse plant species
- Experience in operating and driving a Kubota

## Ecology and Sustainable Science Coursework

**NR 319: Geospatial Sciences**

**Spring 2024**

- Gained hands-on experience using ArcGIS and other GIS software to manipulate vector and raster data, including satellite imagery, and solved spatial problems
- Understood core geospatial principles such as data models, coordinate systems, digital cartography, data acquisition and creation, remote sensing, and spatial analysis techniques

**LIFE 320: Ecology**

**Fall 2023**

- Studied interrelations among organism and their environment
- Used quantitative and conceptual models

## Additional Relevant Endeavors

**Member**, National Honors Society

**2019-2021**

**Team Captain**, Champlin Park High School Varsity Softball

**2020-2021**

**Volunteer**, The Gardens on Spring Creek

**2025**

