

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
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Relevant Work Experience

Deli Clerk/Meat Clerk , Sprouts Farmers Market <ul style="list-style-type: none">• Prepare fresh meals and order products for the department• Ensure food safety standards and maintain a clean work environment• Opportunity for growth and learning within a fast-paced department	August 2024-Present February-May 2024
Surveillance Technician , Vector Disease Control International <ul style="list-style-type: none">• 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	Summer 2024
Physics Lab Assistant , Colorado State University <ul style="list-style-type: none">• 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	2023-Present
Mosquito Field Technician , Vector Disease Control International <ul style="list-style-type: none">• 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	Summer 2023
Landscaping Crew Member , Coon Rapids Public Works <ul style="list-style-type: none">• Collaborated with teams to complete projects around the city• Cultivated and sustained diverse plant species• Experience in operating and driving a Kubota	Summer 2022

Environmental Sustainability Science Coursework

Natural Resources 319: Geospatial Sciences <ul style="list-style-type: none">• 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	Spring 2024
Watershed Science 416: Land Use Hydrology <ul style="list-style-type: none">• Studied concepts of hydrology and the effects of land use and land change on the hydrologic process• Used quantitative and conceptual models to evaluate watersheds in the U.S., specifically Colorado	Fall 2024

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 Butterfly Pavilion	2025-Present