

# AINSLEY DENHAM

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## ECOSYSTEM SCIENCE AND SUSTAINABILITY

I am a passionate and driven ecosystem science student with a strong foundation in sustainability, geospatial analysis, and quantitative reasoning. Experienced in leadership, education, and data management, with a commitment to environmental stewardship and community engagement. I am proficient in ecological research, statistical analysis, and geospatial technologies, with expertise in data visualization, and environmental problem-solving. Skilled at interpreting complex data to support sustainable decision-making and collaborating on conservation and resource management initiatives. My core competencies include:

- GIS and Geospatial Analysis Proficient in Microsoft Office (Excel, Word, PowerPoint)
- R Programming for Data Analysis
- Strong Organizational and Time Management Abilities
- Adaptable and Flexible in Dynamic Environments
- Passionate About Colorado's Ecosystems and Sustainability

## EDUCATION

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Bachelor of Science, Ecosystem Science and Sustainability  
Colorado State University, Fort Collins, CO

Expected May 2027  
GPA: 3.7

## CLIMATE AND SUSTAINABILITY EXPERIENCE

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### High School Lead | Stone Canyon Outdoor Education, Larkspur, CO

- Led groups of students in outdoor education programs focused on environmental awareness and sustainability.
- Facilitated experiential learning activities to promote conservation, teamwork and leadership skills.
- Created an inclusive and engaging learning environment to enhance student participation and confidence
- Guided students through nature-based lessons that reinforced ecological principles and outdoor skills

## YOUTH LEADERSHIP DEVELOPMENT

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### Nanny | Fort Collins, CO

2024 - Present

- Provide childcare for two children (ages 9 and 10), ensuring a safe, structured, and engaging environment.
- Assist with homework, reinforcing academic concepts and encouraging problem-solving skills
- Foster responsibility and independence through tasks and positive reinforcement

### BASE Program Assistant | Prairie Crossing Elementary School, Parker, CO

2021 – 2023

- Supervised and engaged students in after-school programs, fostering a safe and structured environment.
- Assisted in planning and implementing educational and recreational activities to enhance student learning and social skills.
- Fostered social development and teamwork through group activities and positive reinforcement
- Maintained a well-organized program space, ensuring safety and accessibility for all participants

### Middle School Volleyball Coach | Challenge to Excellence Charter School, Parker, CO

2022 - 2023

- Developed and implemented training plans for student-athletes, promoting teamwork and skill development
- Provided mentorship and leadership to middle school students, fostering confidence and sportsmanship
- Led practices and game-day strategies, ensuring player engagement and skill progression

## RELEVANT COURSEWORK

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Animal and Plant Biology (LIFE 102/103) | Ecology (LIFE 320) | General Chemistry (CHEM 111/112) | Information Management for Sustainability (ESS 129) | Quantitative Reasoning for Ecosystem Science (ESS 330) | Introduction to Geospatial Science (NR 319)

## LEADERSHIP & ACTIVITIES

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### Alpha Phi Omega | Executive Board Member

- Coordinated in-chapter events to foster membership engagement and leadership development
- Assisted in multiple community service events such as feeding the homeless, restoring local ecosystems, and aiding in university events
- Managed event logistics, scheduling, and communication to ensure successful execution of chapter activities
- Promoted the organization's values of leadership, friendship, and service through outreach and recruitment efforts