

ALYSSA BENNETT

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PERSONAL SUMMARY

Committed Computer Science student with a minor in Horticulture, focused on applying machine learning and software development to agriculture. Interested in building data-driven systems that improve crop production, increase efficiency, and support sustainable agricultural practices. Offers strong organizational, collaboration, and detail-oriented skills. Currently seeking internship opportunities to contribute to impactful work in a diverse and collaborative environment.

EDUCATION

Colorado State University, Fort Collins, CO

Graduation Expected May 2027

B.S. Computer Science, Minor in Horticulture

- Relevant Coursework: Machine Learning Foundations, Algorithms, Software Development, Computer Systems Foundations, Data Structures, Discrete Structures

PROJECTS

Maize Yield Prediction Analysis - AI-LEAF Undergraduate Scholars Program

- Interpreted agricultural datasets to understand how environmental, biological, and management factors influence crop yield.
- Analyzed machine learning model outputs and performance for yield prediction and management decisions.
- Collaborated with multidisciplinary teams to communicate findings and real-world impact.

Soil Moisture Sensing and Display System

- Integrated a soil moisture sensor with an Arduino-based system to collect and display real-time data.
- Built a Python script to log and store sensor readings in CSV format for future analysis.

SKILLS

Technical Skills

- Programming Languages: Python, Java
- Tools: Visual Studio Code, Git, Jupyter Notebook

Additional Skills

- Proven ability to lead and collaborate effectively through strong written and verbal communication.
- Adaptability in navigating new challenges and fast-paced environments.
- Effective time management and task prioritization to drive efficiency.

WORK EXPERIENCE

Jimmy John's

Longmont, CO and Fort Collins, CO

Team Member (August 2020 - Present) | Assistant Manager (August 2021 - May 2022)

- Led a team of 20+ employees in a fast-paced environment, improving efficiency and team performance.
- Trained and mentored new employees, improving onboarding efficiency and boosting morale.
- Conducted weekly inventory audits to maintain accurate stock levels and minimize waste.

LEADERSHIP & INVOLVEMENT

- Incoming ACM-W Social Media Coordinator, CSU Chapter (Fall 2026)
- AI-LEAF Annual Meeting Attendee (May 2026)
- AI-LEAF Undergraduate Scholar (Fall 2025 - Present)
- ACM-W Member, CSU Chapter (Spring 2025 - Present)
- Grace Hopper Celebration - CSU Student Scholarship Recipient (2024)