

## SUMMARY

My goal is to make our communities and environments more sustainable by studying our ecosystem and implementing sustainable management practices. I want to do research that will contribute to improving our understanding of our natural world and helping Colorado ecosystems health in a changing climate.

## EDUCATION AND TRAINING

**Colorado State University - Fort Collins, CO**  
**Bachelor of Science**

Ecosystem Science & Sustainability

- Minor in Sustainable Water

## SKILLS

- Sample preparation and analysis
- Team collaboration
- Laboratory chemical analysis
- Field work experience
- Attentive to detail
- Good work ethic
- R programming experience
- Reliable & trustworthy

## WATER EXPERIENCE

**AIR BOUND STAFF** | 04/2022 to Current

**Sounds of the Rockies Entertainment Group - Fort Collins, Colorado**

**WILDFIRE EFFECTS & WATERSHED TECHNICIAN** | 05/2023 to 06/2024

**ROSSyndicate - Fort Collins, CO**

**Samuel Struthers** samuel.struthers@colostate.edu

**Katie Willi** kathryn.willi@colostate.edu

- Installation, operation, and maintenance of instream sensors and dataloggers
- Calibration of water quality sensors
- Collection and preparation of water samples
- Measuring streamflow using various methods
- Collecting samples and measurements relating to effects of wildfire and prescribed burn treatments throughout watersheds

**LAB TECHNICIAN** | 09/2022 to 05/2023

**Loch Vale Watershed Long-term Monitoring Program - Fort Collins, Colorado**

**Jill Baron** jill.baron@colostate.edu

**Tim Weinmann** Timothy.weinmann@state.co.us

- Prepared bottle sets for field work
- Cleaned bottle sets & other lab duties
- Weekly field work in RMNP at Loch Vale to collect water samples and maintain weather station
- Water sample analysis

## RELEVANT COURSE WORK

**Environmental Data Science** | Spring semester 2023

- Cleaned up environmental data
- extensive experience in Tidyverse
- Learned how to map using R

## OTHER EXPERIENCE

- Air Bound Staff | 04/2022 to Current
- Worked on setting up events and running equipment ranging from small events to big multiple events
- Worked together with people in order to complete challenging tasks
- Worked long hours and traveled far for jobs
- Developed good communication skill to complete tasks

## LANGUAGES

**English:**

Native/ Bilingual

**Spanish:**

Limited

**Dutch:**

Native/ Bilingual