

# ZACHARY CRAMTON

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Urban and environmental planner with experience in active transportation, GIS, and environmental analysis. Managed a \$500K transportation budget and \$2.5M transit contract while representing student interests in a live BRT corridor redesign. Focused on translating technical data into policy and planning decisions that support sustainable, functional communities.

## CORE COMPETENCIES

- Programming: R, VBA, SQL, Python, Git, Spatial R Packages, ArcPy, web design with Quarto
- Software: ArcGIS Pro, ArcGIS Online, QGIS, Adobe Illustrator, OpenLCA, AutoCAD, Fusion360
- Technical Skills: Equipment fabrication & repair, hardware & mechanical troubleshooting, soil analysis
- Certifications: Remote Pilot Certificate (FAA Part 107)

## EDUCATION

**B.S. Ecosystem Science and Sustainability**, Colorado State University, Fort Collins, CO | GPA: 3.83 | May 2026

## PLANNING AND OUTREACH EXPERIENCE

**Volunteer Photographer**, City of Fort Collins Natural Areas Feb 2026 – Present

- Create photo and video media assets for public outreach and environmental communication.
- Document active projects to support public understanding of environmental planning work.

**Teaching Bike Mechanic**, CSU Central Receiving – The Spoke Jan 2025 – Present

- Train new hires, direct shift priorities, and make operational calls independently.
- Lead development of a knowledge database to standardize access to SOPs and institutional knowledge.
- Educate CSU students and staff on bike maintenance and safe operation in support of active transportation outreach.
- Built and maintained a bike rental database in Excel and VBA to support third-party app integration into shop SOPs and infrastructure.

**CSU Student Representative**, West Elizabeth ETC Design Project Aug 2023 – May 2026

- Reviewed and provided feedback on streetscape cross-section designs, advocating for active mode infrastructure including a roundabout at a key corridor intersection.
- Submitted support letters compiling student and ATFAB feedback on project agenda items.

**Financial Officer**, CSU Alternative Transportation Fee Advisory Board Aug 2022 – May 2026

*Prior Board Roles: Chair (2024-2025) · Vice Chair (2023-2024) · College of Engineering Representative (2022-2023)*

- Organized and facilitated an interdisciplinary board with 22 members investing in transportation programs.
- Developed outreach and education programs connecting students to available transportation resources.
- Allocated \$500,000 in annual student fees for active transportation programs.
- Managed \$2.5M+ contract between CSU Student Government and Transfort, the Fort Collins bus agency.

## LAB EXPERIENCE

**Lab Technician**, CSU Soil Innovation Lab May 2024 – Aug 2024

- Processed and analyzed soil samples from North American rangelands.
- Managed soils database including data collection, entry, processing, and quality control.

**Hydrogeology Lab Technician**, GeoSystems Analysis, Inc. Jun 2022 – Aug 2023

- Conducted hydraulic conductivity and hydrometer tests on soil samples.
- Developed a refined SOP for sensor splicing, improving efficiency by over 300%.
- Assembled Campbell Scientific logger boxes and calibrated METER Group sensors.
- Fabricated custom sensors to measure flow rate, flux, and column oxygenation in soil columns.
- Coordinated domestic and international field deployments of sensors, supplies, and personnel.