

ZACHARY CRAMTON

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Builds tools that help people take part in the projects that shape their communities. Works with geospatial data production and analysis in ArcGIS Pro, R, and Python.

CORE COMPETENCIES

- Programming: R, Spatial R Packages, Python, ArcPy, SQL, VBA, Git, web design with Quarto
- Software: ArcGIS (Pro, Online, StoryMaps), QGIS, OpenLCA, Adobe Illustrator, AutoCAD, Fusion360
- Certifications: Remote Pilot Certificate (FAA Part 107), IS-100/200.c (ICS 100/200), IS-700.b (NIMS)
- Member: American Planning Association, Geospatial Professional Network, Society for Conservation GIS

EDUCATION

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

EXPERIENCE

GIS Technician, CACI Inc. (Contract) Sep 2026 – Present

- Collect, attribute, and verify geospatial features from satellite imagery in ArcGIS Pro, running quality control with custom scripts and GAIT.

Teaching Bike Mechanic, CSU Central Receiving – The Spoke Jan 2025 – Aug 2026

- Taught customers with no technical background to maintain their own bikes.
- Trained new hires, led development of a staff SOP knowledge database, and wrote an e-bike battery fire safety policy meeting CSU EHS requirements.

Project Manager, ESS Senior Capstone (CSU) Jan 2026 – May 2026

- Managed an eight-member team piloting a migration of NASA GLOBE Observer's Mosquito Habitat Mapper to CitSci for community habitat reporting in Fort Collins.
- Delivered a feasibility report, a prototype CitSci project, and an ArcGIS StoryMap, handling the StoryMap's data sourcing, integration, and editing.

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

- Represented students in the first design of a multimodal bus rapid transit corridor, reviewing cross-sections with consultants and city staff from 30% through 90% design.
- Advocated for raised bike lanes and a roundabout, compiling student and advisory board.

Financial Officer, CSU Alternative Transportation Fee Advisory Board Aug 2022 – May 2026
Previously Chair (2024–2025), Vice Chair (2023–2024), and College of Engineering Representative (2022–2023)

- Chaired a 22-member interdisciplinary board allocating \$500,000 in annual student fees.
- Managed a \$2.5M+ contract between CSU Student Government and Transfort, the Fort Collins bus agency.
- Directed \$1.5M in matching funds to successful grant applications totaling \$7M+ for multimodal infrastructure.

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

- Coordinated domestic and international deployments of sensors, supplies, and personnel.
- Researched and applied regulatory requirements for lab and consulting operations, including OSHA respiratory protection and chemical hazard compliance for muriatic acid and raffinate waste.
- Refined the sensor-splicing SOP, improving efficiency by over 300%.