

CODY DETTLAFF | RESUME

Conservationist

Status: MPS Candidate, Cornell University
College: Agriculture and Life Sciences
Skills: GIS, Field Ecology, SCUBA, R

Ithaca, NY
Department of Natural Resources and the Environment
cnd34@cornell.edu

Professional Summary

Environmental consultant in training and U.S. Marine Corps veteran with 9 years of proven leadership in global operations. Specialized in risk analysis, GIS, and ecological assessment, with applied research on sturgeon habitats, reef ecosystems, and marine bioacoustics. Experienced in project management, stakeholder engagement, and data-driven decision support. Adept at bridging field ecology, spatial analysis, and risk management to deliver actionable solutions for conservation, infrastructure, and resource management challenges.

Research Experience

Team Lead - GESIS - Leibniz Institute for the Social Sciences Mar. 2022 - Present

- * Coordination of a project to build an Open Science platform with reusable code and tutorials
- * Research on Open Science Practices
- * Implementation of tools to enhance reproducibility and facilitate research with digital data in R

Presidential Fellow - University of Manchester Sep. 2018 - Feb. 2022

- * Research on Disinformation on Social Media
- * Analyses of large scale and unstructured data sets with R, Python and Bash

Post Doctoral Researcher - ETH Zurich Nov. 2017 - Aug. 2018

- * Developing new methods to analyze social networks
- * Implementing methods in libraries
- * Gathering and analyzing large datasets from Social Media APIs

Post Doctoral Researcher - University of Konstanz Oct. 2015 - Oct. 2017

- * Developing new methods to analyze social networks
- * Implementing methods in libraries
- * Webscraping and harmonizing a large corpus of football data

Ph.D. Candidate - University of Konstanz Nov. 2012 - Sep. 2015

- * Developing new methods to analyze social networks
- * Implementing methods in libraries

Professional Experience

CFL-2 Trainer - Crossfit Vertical Sep. 2023 - Present

- * Manage classes of 150+ athletes, fostering teamwork, resilience, and goal achievement.
- * Holds a certification of Adaptive and Inclusive Trainer

Outreach Peer Counselor - Cornell University Sep. 2022 - Present

- * Lead a team of 4 supporting veteran admissions, recruitment, and data security.

Dive Master - Cornell University Sep. 2023 - May. 2024

- * Fill this out later

Infantry Unit Leader - United States Marine Corps Oct. 2012 - Jul. 2021

- * Directed high-risk operations with teams of up to 63 personnel across deployments in the Balkans, Pacific, and Middle East.

- * Authored multiple Standard Operating Procedures later adopted at the battalion and company level.
- * Conducted risk assessments, resource allocation, and logistics management for projects valued at 3.5 million dollars.
- * Trained and advised multinational partner forces, strengthening coalition operations and cross-cultural coordination.
- * Recognized with Navy and Marine Corps Achievement Medals (2) for leadership and mission success.

Education

MPS in Natural Resources and the Environment - Cornell University Aug. 2025 - Aug. 2026

- * Capstone: Predictive modeling of Mesophotic Reef Systems
- * Fill this out later

B.S. in Biological Sciences - Cornell University Jun. 2022 - May. 2025

- * Concentration: Marine Biology
- * Minor: Environment and Sustainability