

Joshua Paul Cohen

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EDUCATION

Master of Environmental Data Science, X.XX GPA (Expected June 20XX)

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Highlighted Coursework: Geospatial Analysis, Statistics, Machine Learning, Environmental Policy Analysis, Data Communication (all to be completed by June 20XX)

Leadership/Involvement: Brengrass, Self Improvement Club

Bachelor of Science in Environmental Science, 3.4 GPA (May, 2020)

Washington College (WAC), Chestertown, MD

Honors/Awards: Dean's List 2017-2020

Leadership/Involvement: Student Environmental Alliance, Wacappella

Minors: Chesapeake Regional Studies, Music

EXPERIENCE

Pinyon-Juniper Field Technician – UNLV, Las Vegas, NV (6/24–8/24)

- Collected data on over 1000 trees in a team-based fashion.

Desert Tortoise Transect Technician – Great Basin Institute, Las Vegas, NV (3/24–5/24)

- Collected Desert Tortoise population data according to strict experimental design procedures.
- Utilized Esri software to record data.
- Work involved camping on transect for multiple days at a time and hiking across mountainous terrain for up to 8 km/day.
- Acquired Wilderness First Aid certification.

Land Steward Intern – Friends of Hopewell Valley Open Space, Titusville, NJ (6/23–12/23)

- Completed stewardship around NJ by eradicating thousands of invasive plants, investigating the migration habits of rare snake species, and maintaining trails.
- Acquired pesticide operator's license.
- Demonstrated GIS competency by collecting and displaying representational data of invasive species locations, and processing said data for regulatory documents.

Environmental Technician – Maryland Department of Natural Resources, Swanton, MD (8/22–11/22)

- Collected water samples and reported water quality data in lakes and rivers.
- Identified aquatic plant species and investigated invasive Hydrilla populations.
- Visualized water quality data with GIS.

Chesapeake Conservation Corps Member – Interfaith Partners for the Chesapeake, Annapolis, MD (8/21–8/22)

- Completed web pages for events, newsletters, and congregational biographies.
- Engaged with partner organizations in environmental programming.
- Spearheaded grant acquisition, and projects in database organization & developing environmental programming materials.

Corps Member – Americorps NCCC, Aurora, CO (11/20–7/21)

- Coordinated with non-profit and government organizations to complete manual service labor around the United States.
- Lived, worked, and shared responsibilities in a team unit.

Analyst – Washington College GIS Lab, Chestertown, MD (9/19–3/20)

- Digitized soil maps using GIS software.

Butterfly House Intern – Ladew Topiary Gardens, Monkton, MD (6/19–8/19)

- Crafted communication materials after performing biological water assessment.
- Caught and handled both adult & larval lepidopterans and their host plants.
- Contributed to environmental education efforts in butterfly house.

Skills and Certifications:

Technical: R, Python, ArcGIS Pro

Certifications: GIS Specialization (UC Davis), PADI Scuba diving Certification