

# JENSEN HUNTING

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## EDUCATION & SKILLS

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**University of Southern California** | Bachelor of Arts in Environmental Studies | Minor in Computer Science

**Graduation:** May 2023 | **GPA:** 3.57/4.0

**Skills:** Data Analysis (R, SPSS, Excel and ArcGIS), field sampling, lab experience, and sustainability analysis

**Programming:** C++, Python, Java, HTML, CSS, and JavaScript

**Relevant Coursework:** Water Soil & Energy Sustainability, Maps & Spatial Reasoning, Environmental Ethics, Environmental Engineering, Ecology, Geosystems, C++ Programming, Data Structures and Algorithms, Programming in Python

**Honors/Awards:** USC Presidential Scholar, Thematic Option Honors Program, National Hispanic Merit Scholar

**Clubs:** WYSE Youth Mentorship Program, Scholars Leading Scholars, Environmental Student Assembly, USC Climbing Team

## EXPERIENCE

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### Conservation Intern – Defenders of Wildlife

*Anchorage, AK*

June-August 2021

- Analyzed & reported on efforts to mitigate fatal human-bear interactions in South-Central Alaska to secure funding for DOWs electric fence subsidy program.
- Compiled research on oil & gas development in the NPRA, its effects on critical wildlife habitat and indigenous community health, and possible avenues for individual action; Utilized this information to outline a story map.
- Produced a report on the benefits, requirements, and available resources for rain garden project.

### Necropsy Field/Lab Assistant – Alaska Veterinary Pathology Services

*Anchorage, AK*

July-October 2020

- Retrieved field samples, including whole organs, cavity swabs, and fluid collection, often in inclement weather.
- Dissected marine mammals, conducted organ inspections, and prepared tissue, fluid, and parasitic specimen samples.
- Coordinated with research teams to ensure all necessary samples were obtained.

## RESEARCH & PROJECTS

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### Equitable Earthquake Relief Planning Project

*University of Southern California – Spatial Sciences Institute*

January-May 2022

- Wrangled spatial data to identify earthquake clusters in LA, using ArcGIS Pro geoprocessing tools and Python scripts.
- Collaborated with a team of mentors and student researchers through weekly meetings, GitHub, and ArcGIS Portals.

### Analysis of Species Abundance and Pesticide Usage around USC

*University of Southern California – for BISC 315*

Fall 2021

- Employed pitfall traps to collect field samples, processed samples, and identified various arthropod species.
- Completed R analyses to explore the effects of pesticides on metrics of species richness, diversity, and abundance.
- Detailed findings in a full-length scientific poster for presentation to peers and mentors (*available upon request*).

### Ecosystem Analyses – Everglades National Park and Niokolo-Koba National Park

*University of Southern California – for GEOL 160*

Fall 2020

- Analyzed critical components of ecosystem functioning, biodiversity, and threats.
- Presented finding to peers (*reports available upon request*).

## LEADERSHIP

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### Course Producer – University of Southern California, CSCI 103 Introduction to C++

August 2022-Present

- Instruct weekly lab sections on basic C++ data structures, algorithms, and principles of object-oriented design.
- Debug, help students understand & develop solutions for programming assignments, considering runtime & memory.

### Executive Director – USC Environmental Student Assembly

June-November 2020

- Worked with the USC Sustainability Office to realize university goals, including development of a pre-enrollment student sustainability training and waste reduction/diversion across campus.
- Cultivated a student culture of environmentalism by organizing virtual events, guest speakers, media screenings, and career panels, as well as guiding student-led initiatives for campus conservation.

### Mentor – Women and Youth Supporting Each Other

August 2019-May 2021

- Created engaging, hands-on lesson plans and planned bonding activities for cohorts of 20+ middle school girls on topics of identity, healthy relationships, social issues, and sex ed.
- Provided support, answered questions, and aided in conflict resolution for mentees.