

# Cullen Smith

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## EDUCATION

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### **Bachelor of Science in Biology**, Integrative Biology Concentration

*Expected May 2020*

University of Florida, Gainesville, FL

Minor in Environmental Science

Current GPA: 3.82/4.0

International Scholars Program

Peace Corps Prep Program

## RESEARCH EXPERIENCE

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### **Eye on the Reef Program**, Great Barrier Reef Marine Park Authority

May-June 2017

North Queensland, Australia

- Measured the density of different coral types along a transect
- Counted the appearance rates of unique fish species to pass through a designated reef area in a given time period
- Determined that coral reefs which had experienced mass-bleaching events further in the past displayed greater levels of biodiversity than those which had experienced them more recently

### **Research Volunteer Work**, University of Florida, Gainesville, FL

March 2019-Present

- Managed collection and germination of over 400 seeds from various species in the family *Nyctaginaceae*
- Oversaw biweekly watering and maintenance of over 200 seedlings

### **Undergraduate Research in Ecology**, Mpala Research Centre

July-August 2019

Laikipia County, Kenya

- Selected from a competitive field of applicants to conduct research in Laikipia, Kenya
- Conducted a group research project on the effectiveness of thorns and ants as plant defenses for native trees
- Collected data for seven distinct variables including the length and density of *Acacia drepanolobium* thorns

### **Independent Research Project**, University of Florida Gainesville, FL

August 2019-Present

- Utilized various population genetics packages in the software R
- Analyzed subpopulation diversity of two species of gypsophiles in the southwest USA

## WORK EXPERIENCE

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### **Camp Counselor**, Camp Weed Summer Camp, Live Oak, FL

April-July 2016

- Engaged with large numbers of youth in activities such as canoeing, archery and preparing campsites
- Supervised the safe use of the rock-climbing wall with Level 1 Full Challenge Course Practitioner Certification

## HONORS AND AWARDS

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- College of Liberal Arts and Sciences Dean's List (Spring 2017 – Present)
- Recipient of the merit-based Benacquisto Scholarship (full scholarship to the University of Florida)
- Member of the University of Florida Honors College
- National Merit Scholar

## PROFESSIONAL AFFILIATIONS

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- International Scholars Program
- Peace Corps Prep Program