

# Jasmine Cates

324 West Elm St. | Amity, AR 71921 | (870) 345-8848 | jsmncates@gmail.com

## EDUCATION

**Arkansas Tech University**

Russellville, AR

**B.S Fisheries and Wildlife Science**

December 2019

## **ACADEMIC ACTIVITIES:**

Herpetological Society Vice President and Treasurer (2017-2019)

- Created and lead society activities, managed earnings, gave herpetological education demonstration to Girl Scouts of the USA

Arkansas Tech University's Fisheries and Wildlife Society Member (2016-2019)

- Educated public on importance of reptiles and amphibians at a National Wildlife Refuge

## PROFESSIONAL EXPERIENCE

Arkansas Tech University

Russellville, AR

Department of Biological Sciences

August 2019-March 2020

### **Lab and Field Technician**

- Worked on bee diversity and vegetation research project that was presented at undergraduate research symposium with potential of publication in academic journal
- Sorted large quantities of insects with a focus on bee taxa and identified to family and/or genera
- Worked alongside graduate student to set up malaise and bucket traps in remote forests
- Conducted vegetation surveys by configuring canopy cover with densiometer and groundcover with Daubenmire frame, determined tree species composition through circular plots

Arkansas Tech University

Russellville, AR

Department of Biological Sciences

May-December 2019

### **Field Technician**

- Worked alongside graduate student to snare eastern fence lizards on steep rocky terrain and dense forested landscapes
- Used radio telemetry and Trimble GPS mapping tool to assess habitat range of lizards
- Conducted vegetation surveys through use of circular plots and quadrat sampling
- Configured and recorded body measurements, weight, and sex of individuals to examine habitat preference of lizards
- Documented lizard's physical and behavioral data, relative humidity, substrate type and temperature, and other environmental conditions; entered all data in excel