

# Skye Walker

Elevation Science for Natural History Exploration  
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## **EDUCATION**

### **Auburn University** *Bachelor of Science*

Fall 2016 - Spring 2020

Major: Geology / Earth Sciences (Focus: Paleontology)

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## **EXPERIENCE**

### **Elevation Science for Natural History Exploration** - *Field Technician and SciComm Manager*

Summer 2022 - Current

- Excavating and preserving Morrison Formation fossils
- Assisting and leading weekly crew members and daily visitors
- Giving tours of quarries to visitors and student programs
- Quarry managing: site mapping, field ID, fossil inventory
- Running social media platforms
- Collecting and facilitating fun, educational online content to grow social media presence
- Sharing and explaining new research to public
- Outreach events

### **Auburn University Museum of Natural History** - *Lab Technician*

Spring - Fall 2022

- Rehousing, relabeling, and preservation of data of large donation of ichthyology collection
- Transporting specimens to off-site storage
- Training and supervision of lab volunteers
- Preparation and distribution of preservatives

### **Auburn University Museum of Natural History** - *Camp Counselor (Curious Curators)*

Summer 2022

- Presenter for paleontology curriculum
- Educating and supervising campers throughout camp's natural history subjects

### **Snapology** - *STEM Instructor*

Summer 2022

- Presenting and facilitating various STEM activities to elementary students

### **Sternberg Science Camps (Sternberg Museum of Natural History)** - *Paleontology Instructor*

Summer 2021

- Designing activities, lessons, and projects for students to engage in online-based camp
- Communicating scheduling and regular feedback to students and parents
- Keeping consistent communication with director and teaching assistant as needed
- Making changes to curriculum as needed to keep students engaged and challenged

**North Carolina Museum of Natural Sciences - Naturalist Center Intern**

Spring 2021

- 10-15 hours per week attending virtual meetings and completing assignments by supervisors
- Meeting with guest speakers to explore museum history, specimen preparation, and science communication
- Completing final research project focused on Cretaceous dinosaur diversity in eastern North America
- Presenting final research project to supervisors, fellow interns, and museum guests
- Final project resulted in data being used for upcoming *Dueling Dinosaurs* exhibit

**Auburn University Department of Geosciences - Research Assistant**

Fall 2019 - Spring 2020

- Micro-picking samples of meiofauna collected from San Salvador
- Identifying, sorting, and recording all specimens found

**Auburn University Department of Geosciences - Teaching Assistant**

Summer 2018

- Attending all field trips with professor, students, and guests
- Providing support with fossil identification, collection, and field safety
- Creating answer keys for weekly learning modules
- Keeping contact with students via email and assisting with understanding material

**Auburn University Department of Geosciences - Research Apprentice**

Spring 2017

- Traveling to Dauphin Island, AL to assist graduate student with field data collection
- Transporting and placing samples in designated locations around the coast
- Removing and transporting specimens back to campus for results via CT scanning
- 3D analysis using Anubis 3D software

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**FIELD EXPERIENCE**

<b>Morrison Formation</b> (Jurassic)	Summer 2019, 2022 - Present
<b>Mooreville Chalk Formation</b> (Cretaceous)	Summer 2018 - 2021
<b>Demopolis Chalk Formation</b> (Cretaceous)	Summer 2018 - 2021
<b>Eutaw Formation</b> (Cretaceous)	Summer 2019
<b>Fort Payne Formation</b> (Mississippian)	Summer 2019

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**VOLUNTEERING**

**Auburn University Museum of Natural History - Collections Assistant (Paleontology)**

Fall 2017 - Fall 2023

- Coordinating with other volunteers to meet long-term preservation methods and organization of collection specimens
- Responsible for organizing and digital cataloging of fossils

**Auburn University Department of Geosciences - *Science Olympiad***

Spring 2019

- Choosing and preparing specimens to be used in fossil portion of competition
- Supervision and grading of students
- Monitoring of handling fossils

**Auburn University Department of Geosciences - *Geology Tutor***

Fall 2018

- Offering tutoring services and exam preparation for science education students in Dynamic Earth (GEOL 1100) and Historical Geology (GEOL 1110)
- Weekly and biweekly sessions to individuals and groups

**Auburn University Department of Geosciences - *Mosasaurus of Alabama***

Fall 2017

- Exhibit displayed in Auburn University geology hall based on mosasaur fossil remains discovered in Selma, AL
  - Participating in research and display of fossils
  - Cleaning and maintenance of display case as needed
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**OUTREACH**

**Alabama Paleontological Society**

Spring 2024

**Boys & Girls Club of Carbon County**

Winter 2023

**Boys & Girls Club of Red Lodge, MT**

Summer 2023

**OG Con 2023, Gulfport, MS - *A History of Dragons***

Summer 2023

**Perdido School, Perdido, AL**

Spring 2023

**Odyssey of the Mind, Lovettsville, VA**

Spring 2023

**Auburn University Museum of Natural History: Dinosaur Egg Unveiling**

Summer 2022

**Arnold Magnet Academy, Columbus, GA**

Fall 2021, 2022

**Jefferson County Schools, Homewood, AL**

Fall 2022

**Auburn University Paleontology Club**

Fall 2022

**Virtual STEM Career Fair, North Lanarkshire, Scotland**

Summer 2021

**Escambia County Schools**

Spring 2021

**Auburn University Museum of Natural History Open House**

Fall 2017 - Fall 2022

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### **MEDIA APPEARANCES**

**Prehistoric Life Podcast (Spotify, YouTube)**

Fall 2023

**Jurassic Paleoart Expo (Instagram)**

Fall 2023

**Your Dinosaurs Are Wrong (YouTube) - Interviewee**

Summer 2023

**Fossil Crates: Paleo Portals**

Spring 2023

**BBC Future (Could Dinosaurs Have Grown Any Bigger?) - Interviewee/Source**

Spring 2023

**Why Dinosaurs? (Documentary) - Interviewee**

Spring 2021, Released Fall 2023

**I Know Dino (Podcast; Dinosaurs in Alabama with Skye Walker)**

Fall 2022

**Stories from Bone (Documentary) - Interviewee**

Summer 2022

**Jurassic Paleoart Expo (Instagram)**

Fall 2021

**Fossil Crates (YouTube; Celebrating Women in Paleontology)**

Fall 2021

**Fossil Crates: Paleo Portals**

Fall 2021

**Future Me (YouTube; A Paleontologist's Advice to Students) - Paleontology Consultant**  
Fall 2021

**Path of the Paleontologist (YouTube; Raymond M. Alf Museum of Paleontology) - Panelist**  
Summer 2021

**Riana's Lens (Podcast; Episode 19)**  
Summer 2021

**Daring to Dig: Adventures of Women in American Paleontology (Virtual Exhibit)**  
Spring 2021

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**PROFESSIONAL AFFILIATIONS**

**Alabama Paleontological Society**  
**Association for Materials and Methods in Paleontology**  
**Society of Vertebrate Paleontology**  
**Mu Alpha Theta**  
**Phi Theta Kappa**