# MEREDITH A. FONTANA

Full Stack Web Developer

# CONTACT

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### SKILLS

**HTML** Node.js

CSS Git/Github

JavaScript **PostgreSQL** 

React.js Knex.js

React Native **Express** 

GraphQL REST

## VOLUNTEER

#### SheTech Explorer Day 2019

· Tech conference for high school girls. I was the only Galvanize student invited for the 2019 Galvanize booth.

## **OBJECTIVE**

I am a published paleontologist with over 15 years of academic and professional experience in the sciences seeking a new career as a full stack web developer at a company that fosters a collaborative work environment where I can continue to learn and grow.

# EDUCATION



#### **Bachelor of Science**

Ecology, Evolution and Behavior

AUG 2008 - MAY 2012

## **Master of Science**

Evolutionary Biology, AUG 2012 - AUG 2014

#### Certificate

Full-time front & back end Anatomy and Paleontology web development immersive AUG 2018 - FEB 2019

# PROJECTS

## GeoGuide: The Virtual Geology Guide

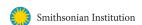
- · GeoGuide is a full stack education app that uses augmented reality to teach hikers about geology while they are out on the trail.
- · Github Front End: https://github.com/mafontana/GeoGuide-frontend
- Demo: https://www.youtube.com/watch?v=FwqQZZcBBNA&feature=youtu.be
- Tech: HTML, CSS, JavaScript, React Native, Node.js, Express, MongoDB

#### PetSwipe Full Stack Application

- · PetSwipe connects pets available for adoption with people looking for an animal to adopt.
- · Deployed Link: http://petswipe.surge.sh/
- · Github Front End: https://github.com/andimalfresh/pet-swipe-frontend
- · Tech: HTML, CSS, JavaScript, Vue.js, Node.js, Express, PostgreSQL, Knex.js

# SELECTED WORK EXPERIENCE







## Paleontologist, APR 2015 - MAY 2016 Denver, CO

- · Conducted analyses of paleontological data, wrote technical reports, supervised field crews, led field surveys, monitored construction sites, and performed fossil salvages.
- · Received highest ratings by company VP on performance review in the categories of teamwork, initiative, reliability, quality of work, and flexibility.
- · Co-authored the most comprehensive paleontological overview of the Colorado Front Range commissioned by the BLM Royal Gorge Field Office.

#### Student Research Associate, AUG 2012 - AUG 2014 Washington, DC

· Conducted paleontological research on Cretaceous polyglyphanodontian lizards alongside NMNH Senior Scientists in the Department of Paleobiology.