

PAST AND PRESENT PROJECTS

iSamples Data Analysis & Documentation Services

10/2024–Current

Information Architect

Organization: Smithsonian Institution National Museum of Natural History

Type: Metadata Analysis & Data Stewardship Documentation

Integrating Geoscience Collections into Specify Software

03/2023–08/2024

Co-project lead, Information Architect

Organization: Swiss Natural History Museums, Specify Software Consortium

Type: Collections Management System Extension and Collections Data Standard

Latimer Core

<https://www.tdwg.org/community/cd/>

11/2022–Current

Expert Review Manager

Organization: Biodiversity Information Standards (TDWG)

Type: Museum Collections Data Standard

Mineralogy Collections Extension

<https://www.tdwg.org/community/esp/mineralogy/>

09/2022–Current

Originator and Task Group Co-Convener

Organization: Biodiversity Information Standards (TDWG)

Type: Data Standard Extension

NCMNS Metrics Dashboard

<https://metrics.naturalsciences.org> ([Demo](#))

09/2022–09/2023

Developer, Designer, Information Architect

Architecture: Laravel MVC, AmCharts, d3, RESTful API, MySQL, PostGIS

Type: Organization Analytics and Visualization Platform

Snapshot USA Website

<https://snapshot-usa.org>

12/2022–01/2023

Developer, Designer

Architecture: WordPress

Type: Project Single-page Website

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NCMNS API and Data Publishing Platform

<https://data.naturalsciences.org> ([Demo](#))

06/2021–09/2023

Developer, Designer, Information Architect, Administrator

Architecture: Laravel, Vue.js, REST API, MySQL, PostGIS, Leaflet

Type: Data Publishing, Distribution, and Management System

Camtrap DP

<https://tdwg.github.io/camtrap-dp/>

06/2021–Current

Information Architect, Data Scientist

Architecture: Frictionless Data Package

Organization: Biodiversity Information Standards (TDWG)

Type: Data Standard

Children's Discovery Center Website

<https://childrensdiscoverycary.com>

12/2020–Current

Freelance Developer, Designer

Architecture: WordPress

Organization: Children's Discovery Center

Type: Small Business Website

Love Nature: the Biophilia Podcast Website

<https://love-nature.org>

06/2020–11/2023

Developer, Designer

Organization: North Carolina Museum of Natural Sciences

Type: Podcast Website

NCERA Website

<https://ncrestoration.org/>

03/2019–Current

Freelance Developer, Designer

Architecture: HTML5, SASS, Node.js

Organization: North Carolina Environmental Restoration Association, Inc.

NC Candid Critters Project Management System

<https://candid.naturalsciences.org> (retired)

12/2018–09/2023

Project Manager, Designer, Developer, Administrator

Architecture: Laravel, Vue.js, jQuery, MySQL, AWS Cloud Storage

Organization: North Carolina Museum of Natural Sciences

Ben Norton

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NCSM Online Collections

<https://collections.naturalsciences.org> ([Demo](#))

01/2019–09/2023

Project Manager, Designer, Developer, Administrator

Architecture: Laravel, Vue.js, jQuery, MySQL, AWS Cloud Storage

Organization: North Carolina Museum of Natural Sciences

Type: Data Management and Sharing Platform, Collections Management System

Wildlife Insights

<https://wildlifeinsights.org/>

06/2018–09/2021

Information Technology Consultant and Technical Liaison

Organizations: North Carolina Museum of Natural Sciences, Conservation International, Smithsonian Institute, Google

Movebank

<https://www.movebank.org/>

10/2019–01/2020

Information Technology Consultant

Organization: Max Planck Institute of Animal Behavior

Type: Data Publishing Platform

Ecosystem Planning & Restoration Website

<https://www.eprusa.net/>

03/2017–Current

Freelance Developer, Designer

Architecture: WordPress

Organization: Ecosystem Planning & Restoration

Collections Asset Management System

<https://cams.naturalsciences.org> ([Demo](#))

10/2016–09/2023

Project Manager, Designer, Developer, Administrator

Architecture: Laravel, Vue.js, jQuery, MySQL, AWS Cloud Storage

Organization: North Carolina Museum of Natural Sciences

Type: Digital Asset Management System

NCMNS Volunteer and Intern Management System

<https://volunteers.naturalsciences.org>

09/2016–09/2023

Designer, Developer, Administrator

Architecture: Laravel, jQuery, MySQL, AWS Cloud Storage

Organization: North Carolina Museum of Natural Sciences

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NCMNS Operations Dashboard

<https://operations.naturalsciences.org>

07/2016–09/2023

Designer, Developer, Administrator

Architecture: Laravel, jQuery, MySQL, AWS Cloud Storage

Organization: North Carolina Museum of Natural Sciences

Type: Facilities and Visitor Services Support Application

NCMNS External Creature Request System

<https://ecr.naturalsciences.org>

6/2016–09/2023

Project Manager, Designer, Developer, Administrator

Architecture: Laravel, jQuery, MySQL, AWS Cloud Storage

Organization: North Carolina Museum of Natural Sciences

Type: Event Registration and Authorization System

NC Science Museum Grant Program

<https://ncmuseumgrant.naturalsciences.org/>

05/2016–09/2023

Designer, Developer, Administrator

Architecture: Laravel, jQuery, MySQL

Organization: North Carolina Museum of Natural Sciences

Type: Grant Program Application System

CitSciScribe

<https://citsciscscribe.org/> (retired)

03/2016–07/2019

Designer, Developer

Architecture: ASP.NET MVC, jQuery, MSSQL, AWS Cloud Storage

Organization: North Carolina Museum of Natural Sciences-

Type: Digital Transcription Web Application

North Carolina Museum of Natural Sciences Website

<https://naturalsciences.org>

08/2015–09/2023

Designer, Developer, Administrator, Project Manager

Architecture: PHP, Twig Template Engine, WordPress, jQuery, MySQL

Organization: North Carolina Museum of Natural Sciences

AmeriFlux

<https://public.ornl.gov/ameriflux> (retired)

2008–2010

Designer, Developer, Webmaster

Architecture: ColdFusion, MSSQL

Organization: Oak Ridge National Laboratory

Ben Norton

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Fluxnet

2008–2010

Designer, Developer

Architecture: Drupal

Organization: Oak Ridge National Laboratory

<https://fluxnet.ornl.gov/fluxnet/>