

WynNelson

Analytic web developer whose focus is on the prototyping, testing, and implementation stages of UX design. Trained to effectively communicate complex institutional knowledge to both experts and nonexperts. Strong self-starter who consistently seeks additional professional development.

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 : github.com/wynnelson

Experience

Jan 2021 – Current

Institute for Transportation Research and Education

Web Application Developer

My holistic approach to working on web applications such as NMCOAST, ArtVal, and Trip Maker provided a revitalizing focus. I designed, developed, and implemented features that exceeded project goals while staying on or ahead of schedule.

Aug 2016 – Dec 2020

North Carolina State University

Teaching Graduate Student

I effectively communicated technical concepts to more than 175 students by instructing four undergraduate courses. During Covid-19 I adaptively developed all course materials for an asynchronous online course.

Jun 2016 – Aug 2016

Jun 2015 – Aug 2015

Cell Signaling Technology

Research Assistant

By developing data visualizations and providing mathematical justification, I created company buy-in for DNA sequence clustering methods.

Education

North Carolina State University

Master of Science in Mathematics

Gordon College

Bachelor of Science in Mathematics, Minor in Computer Science

Skills

Javascript

Node.js

UX Design

HTML

CSS

API Development

Wireframing

React

Python

Data Analysis

Sketch

SQL

Unix

Certifications

Introduction to Design

Teaching and Communication

Accessibility in the Classroom

Project SAFE Ally

Springboard

NC State Graduate School

NC State IT Accessibility Office

NC State Office for Institutional Equity and Diversity