Collin Geersen

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Education

NC State University (Aug. 2019 to Dec. 2021)   *Summa Cum Laude* GPA: 3.98

BS in Environmental Tech. and Management   Minors: Bio. Science and Environmental Tox.

Degree Programming Exposure

Included in my degree program was GIS (Geographic Information Systems) and more specifically ArcGIS. This program exposed me to Python scripting, which in this context is used to do more advanced geospatial data manipulation. Through Python, I was introduced to the world of programming. After graduation my love of programming progressed where I switched career paths and began the journey and hard work to become a self-taught programmer.

Relevant Experience

With one year of front-end development experience working on my own projects, I learned the ins and outs of front-end web development. Currently I am working on a project utilizing React, Electron, and MySQL to strengthen my backend development skills.

Additionally, from a previous internship, I have worked on databases. More specifically, the retrieval of data based on given parameters and the processing of said data.

Favorite Project

Project: Portfolio Website   Source Code: github.com/collingeersen/collingeersen.github.io

Project Goal: Create portfolio website to be a resume and demonstrate my web development abilities.

Project Tech Stack: HTML, SCSS, TypeScript, Node.JS, and Parcel

Project Outcome: Successfully completed the project obtaining mastery of frontend skills. Including: modern HTML and CSS features, manipulation of the DOM with JavaScript, native JavaScript JQuery equivalent features, and utilization/methodology of Web Components.

Skills

Technical Writing • Professional Communication • Leadership • Employee Training • Customer Service

Project Lead Experience • Project QA/QC • Project Design • Data Entry • ArcGIS • MS Office

Computer Troubleshooting • Computer Building • TrueNAS • Windows • Linux

HTML • CSS • SCSS • JavaScript • TypeScript • React • Angular • Node.JS • JSON • Web Components

Parcel • MySQL • XML • SVG • Markdown • Common LISP • bash • PowerShell • git • GitHub • figma

Certifications and Licenses

MS Office • Adobe Photoshop • Adobe Illustrator • Adobe InDesign