WESTON P. GREENE

Front End Developer | Raleigh, NC

CONTACT

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EDUCATION

🎓 **North Carolina State University**
Raleigh, NC
Bachelor of Computer Science
Dec 2022

SKILLS

- Vue
- JavaScript
- Node.js
- HTML5
- CSS3
- jQuery
- Electron

COMPETENCIES

- Software Development
- REST API Development
- Microservices
- Test Automation

EXPERIENCE

Volunteer Web Developer
EcoPRT @ NC State
May 2021 — current

- Led the overall redesign process for the EcoPRT website
- Supervised the asset creation, new feature management, and technical design and implementation of the **redesigned web presence**
- Transitioned the previous domain hosting service from WordPress to a third-party platform for integration with **server-side JavaScript**

PROJECTS

Bümbox
December 2021

- **Designed** and **leveraged** the use of command line tools for manipulating the material properties of OBJ files, **implemented** using **C**, **C++**, and **Python**
- Demonstrated use of the **Rust** WebASM compiler for integrating the CLI tools within the framework of the Bümbox desktop application
- **Constructed** and **deployed** the application, built using **Vue** and **Electron.js** and implemented a website for showcasing the project using **Vue**

EcoPRT Website Redesign
December 2021 — current

- Implemented a website redesign for the EcoPRT at NC State laboratory utilizing **Vue** and **Node.js**
- Oversaw asset utilization and creation for the website, including photography and model design and display using **Three.js**
- Expanded contact functionality of the website to facilitate communication between clients and the team, utilizing AJAX requests to a SMTP backend with **jQuery**