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{3D Art} {Creative Code} {Frontend Design & Development}

Creating interactive web experiences using Three.js, WebGL, React-Three-Fiber, GSAP and other tools.

Experience With:

- Javascript, React, and React Native
- Responsive CSS
- Advanced Mathematics
- UI/UX Design
- 3D Modeling
- Content Management Systems

Tools I use to create:

- WebGL, Three.js & React-Three-Fiber
- GSAP
- OpenGL Shading Language
- Figma
- Blender
- WordPress

Education

Arizona State University

Applied Computing

August, 2021 - Present

Pheonix College

Associates in science

Relevant Courses

- Discrete Math
- Calculus 1 & 2
- Intoduction to Logic
- Communications (public speaking)
- Object Oriented Programming and Algorithms (Java)
 - CSC 240 - C/C++, Lisp, and Prolog
- Content Management Systems: WordPress

Recent Projects

→ WordPress Blog - code-with-math.com

This blog was designed and developed using wordpress during my content management systems course. For the homepage, custom HTML, Javascript, Three.js and GLSL were used to add a creative and interactive element to the simple WordPress Theme.

Tattoo Shop Landing Page - SunDevilTattoo.netlify.app ←

Simple landing page concept for a local tattoo shop. Three.js, GLSL, and GSAP were used to create the visual effects for this website. The most challenging part of this project was creating a smooth scroll between the images, and being able to integrate this scroll with shaders.

→ Cannabis Brand Landing Page - WeedOnWheels.netlify.app

This langing page was my first attempt with React and React-Three-Fiber. Being able to get creative with Three.js concepts while reaping all the benefits that come with React was an experience that made me want to become more proficient in frameworks like React.