
Daniel Brice Cothran

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Education

Bachelor of Arts New Media

University of North Carolina Asheville (UNCA), Asheville, NC

Graduation: December 2024

GPA 3.5/4.0

- Dean's List 2021 – 2023
- Relevant Coursework: Web Development, Virtual Reality, Interactive Computing, Intermediate Interactive Design, Augmented Reality.
- Served in various roles on over 20 digital media projects ranging from simple website development to independent development of the full virtual reality cycle.

Skills

Autodesk Maya • Unreal Engine 5 • HTML/CSS • Adobe Creative Suite
• Figma • Max MSP • Progressive Web Apps • Dragonframe

Professional Experience

UNCA New Media Department

August 2021 - December 2024

Teaching Assistant- CSCI/NM 313 Virtual Reality

- Wrote 30+ pages of course instruction. Co-created syllabus, asset creation, and implementation.
- Conducted weekly labs and individual student tutoring in Autodesk Maya and Unreal Engine 5.
- Facilitated in-class work sessions and presented technical software demonstrations.

Developer - Asheville Virtual Ghost Tour

- Designed and developed an immersive, Web VR site using HTML, CSS, and JavaScript.
- Conducted extensive research on community folklore. Identified 6 locations that local legend identifies as being haunted. Applied the research to create a 360-degree tour of each location.

Independent R&D - Riverside Cemetery Informational Kiosk

- Photographed, designed, and developed an interactive guide kiosk for Riverside Cemetery.
- Conducted extensive research, consulted the Cemetery Director on kiosk location and guest interaction, and built the site using HTML, CSS, and JavaScript.

Team Co-Lead - Owens' Family A-Frame Website

- Co-led a seven-person team in the design, development and deployment of an immersive, Web VR site that features the life and work of Biltmore Landscape Architect, Sylvester Owens.
- Using HTML, CSS, and JavaScript, we built a 360-degree tour of the Biltmore Azalea Gardens, and the Shilo Church where Owens' family members ministered.
- Presented the project at the African American Cemeteries exhibition in the UNCA New Media Gallery.