Michael T. Bowen

Webster, NY | (585) 635-8255 | Game Programmer: Gameplay, DevOps, VR
Portfolio: michael-bowen.com | Michael@thebowenfamily.com
Linkedin: Michael Bowen | GitHub: BowenMichael

Skills

C++	C#	Typescript Next.js	MongoDB Cypress	GitHub Actions	Scrum Master Certified Agile	Git	SVN	Jenkins Redmine	Google Cloud	Unity	UE5	Unity Mobile VR	UnityXR	OpenXR Rider

Education

Champlain College, Burlington, VT   Graduation: May 2023
Bachelor of Science Degree in Game Programming, GPA: 3.7

Experience

Unity WebGL Programmer | Emergent Media Center | Burlington, VT   Sep 2022 - Dec 2022
- Automated builds and website deployments using GitHub Actions saving 30 minutes for each build totaling 2 hours of developer time each week
- Used GitHub Actions to move the artifacts from GitHub's limited storage into our website repository
- Optimized an informative experience about BETA Technologies by doubling the framerate so that it could run comfortably on the web

Olfactory VR Programmer | Emergent Media Center | Burlington, VT   Sep 2021 - Dec 2021
- Integrated OVR Technologies scent device to work with the Unity Interaction Toolkit and Pico Neo 2
- Delivered a 15-minute immersive Olfactory VR experience to study student well-being.
- Experienced working with UnityXR and Android VR

Quality Assurance Intern | Second Avenue Learning | Rochester, NY   May 2018 - Aug 2018
- Worked on The Original Mobile Games, by testing physical versions of the games and working to develop a more accurate virtual feel.

Games

Deal Pedal | Team: 8 | Physics and DevOps Programmer | Burlington, VT   Sep 2022 - Present
- Learned how to automate build processes using Unreal Engine 5 and Google Cloud
- Created custom car physics while learning Unreal 5 physics

SpartaKids | Ubisoft Competition | Team: 8 | Networking | Montreal, QC   Jan 2022 - May 2022
- Networked a 2-player co-op area boss fighter about the magic of play using Photon and Unity3D

Other Projects

Esports Team Manager | Apex Legends | Burlington, VT   May 2021 - Present
- Placed 5th in the collegiate competition and Doubled the club's size with weekly events

My Website | Full Stack | Rochester, NY   May 2022 - Aug 2022
- Learned how to publish and deploy a custom Next.js page