Justin W Cain

Online Portfolio: **www.affinityforfun.com**

Contact
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More than five years experience in game design and software engineering. Focusing on team development, I have had roles ranging from leadership to developer to designer.

Software Engineering B.S.

Michigan Technological University, Grad Summer 18

Skills

- Agile
- Scrum
- Unity3D
- Git
- Visual Studio
- Linux
- Spanish

Languages

- C#
- Java
- C
- C++
- Lua
- SQL
- HTML
- Python

Experience

VP of Operations, Husky Game Development Enterprise
A student-driven, multidisciplinary game development enterprise focusing on providing real world experience.
- Spoke on topics ranging from technical implementation to game design
- Managed 60+ students in weekly general meetings
- Oversaw the operation of two six person teams
- Peer evaluation and grading

Lead Game Systems Engineer, Senior Design Project (*Team of 6*)
A first person puzzle game in Unity3D, featuring open exploration, environmental storytelling, and tight puzzle systems.
- Developed and implemented logic based gameplay systems
- Tested mechanics actively, including on paper
- Wrote story and dialogue

Tools Developer, kARTopia Racing (*Team of 4*)
Developed tools for onsite use for a mobile go-kart race track to map out and display a graphical representation of the track.
- Generated visuals using parametric curves
- Designed for real world field use
- Developed in Unity3D in C#

Web App Developer, Michigan Tech. University (*Team of 5*)
A personal travel tracking web app for research and instructional use by MTU students and faculty.
- Coded user-data input webpage with geolocation and interactive maps, time conversion, and data autofill
- Code to process data for database entry
- Developed with Model-View-Controller Architecture, using Grails, HTML5, and JavaScript

Helpdesk Intern, REMC1 IT SupportNet Internship
Call center IT support for non-profit organizations including lower education schools and hospitals.
- Answer and manage customer phone calls
- Diagnosing and solving customer issues
- Computer hardware repair
- Multi-platform IT (Windows, Mac, Linux)