DEREK ALEXANDER

350 W Broadview, San Antonio, Texas, 78228 | (210)-900-8172 | derekw.alexander@gmail.com
Online portfolio: https://derekalexander.github.io/
LinkedIn: https://www.linkedin.com/in/derek-alexander-475856181/

Looking to use my software development skills in a fast-paced learning environment.

EDUCATION

Northwest Vista College, San Antonio, TX - graduated May 2020

- Associate of applied science in game dev with an emphasis on game programming

Student projects

Game Development with C++ - spring 2018
- Developed a clone of the 1980s game Arkanoids over a semester in a team of four. The project was made in C++ where we wrote our own game engine to handle interfacing with DirectX9 to meet our end goal game idea. Overall the project was a success and we completed all goals and features set by our professor.

Game Simulation Group Project - spring 2019
- In a team of seventeen we came up with our own game idea and developed it over a semester using unity as our game engine. In the class I was one of the two programmers my focus was on the interaction systems between the player and our AI. I also handled the request from the artists on making their models, textures and animations look how they wanted in the game engine.

SKILLS

- Strong C# design and coding experience
- Experience with C++ and java
- Experience with Unity and Unreal Engine
- Ability to write clear, maintainable, portable code that conforms to standards.
- Data structure and algorithm knowledge
- Experienced with Object Oriented Programing
- Experienced using IDE such as eclipse, Visual Studios, and JetBrains
- Experienced using source control Software such as Tortoise svn, Github and Unity collab
- Solid oral and written communication skills
- Self-motivated team player with a cooperative attitude
- Ability to adapt to new technologies and tasks

WORK EXPERIENCE

Alamo community college – Northwest vista, San Antonio, TX

Supplemental Instructional Leader, October 2019 – Current

- Tutor students in C++, Java, C#, and Unity game engine
- Reinforce any lack of understanding on basic programming concepts

CERTIFICATIONS

- Certificate, Occupational skills award C++ earned at Northwest Vista College 2018
- Certificate, Occupational skills award java earned at Northwest Vista College 2019
- Certificate, level 1 Windows programming earned at Northwest vista 2018