

1819 Sweetbriar Avenue
Nashville, TN 37212

5/31/2024

Dear Wolverine Soft Leadership:

I am a computer science major at the University of Michigan who recently found an online ad for a gameplay engineering internship at Wizards of the Coast. I have been a huge fan of Wizards of the Coast's products, especially Magic the Gathering, for years, and was excited to see that you are hiring game developers. This position perfectly combines my passions for coding and game design into one job. As a C++ and C# programmer with game engine experience, I believe I possess the skills and interests to be a great fit at Wizards of the Coast.

As a computer science major at the University of Michigan, I learned C and C++ by implementing it in projects over my first two years. One particularly challenging project required me to write an algorithm which would solve the Traveling Salesman Problem. Completing this project required me to keep efficiency in mind to ensure that my program ran as quickly as possible. I also had to rigorously debug my code step by step to locate mistakes I made. Working through this project taught me proper software development practices like file organization and time management which make me an effective C++ programmer.

Last semester, four and other students and I collaborated on a four-month long game development project in Unity called Desktop Defender. I was the enemy designer on the team and wrote the behavior for all the enemies and two unique bosses using C#. This process was an exciting challenge that required me to balance difficulty based on weekly playtesting feedback. I also had to work with four other developers plus two freelance artists. To keep the development process smooth, we had to communicate constantly so everyone was on the same page. By the end of the project, I had created a fun game that taught me how to develop alongside a team while constantly improving through feedback.

Wizards of the Coast is an incredible company whose work has affected many people's lives, including myself. I am thrilled by the opportunity to help improve those experiences even further. I would love to speak with you further about this position, and you can reach me at (615) 522-4483 or akalams@umich.edu. Thank you for your time and consideration.

Sincerely,

Alex Kalams