**While other parts of your application give us a sense of who you are, we are also excited to hear more about how you see yourself engaging with the larger Northwestern community.**

**In 300 words or less, help us understand how you might engage specific resources, opportunities, and/or communities here. We are curious about what these specifics are, as well as how they may enrich your time at Northwestern and beyond.**

As I developed my amateur game “Zora’s Adventure”, I learned that Game Development did not revolve only around programming but also encompassed many other different fields including design and game mechanics. Addressing these aspects requires the interdisciplinary approach that Northwestern offers.

In the Mccormick School of Engineering, I plan to take advantage of the “CS + X” initiative. This way I can merge my interest in interactive art, specifically world designs, with my love for programming. That’ll allow me to study and research topics like “procedural terrain generation”, an essential process in developing huge open-world games, which can enrich the diversity of elements present in my current games. Through this, I also hope to study design mechanics like simulating physics within game environments using code. This can be applied to elements like gravity and wind, adding realism to my gameplay.

Additionally, I’m inspired by Prof. Ian Horswill’s research on control systems for autonomous agents in games. I find this particularly interesting because this study allows agents to simulate human emotions, personality, and behavior from streams of data and varying factors within the environment. I hope to collaborate with him and broaden my horizons with a cognitive science minor. This way I can apply my research in AI and breathe life into virtual characters.

Finally, I believe Northwestern’s Community Development Corps is a great opportunity for people who are enthusiastic about helping others. Service has run through my years of school and I wish to continue that on in university. I’ll be able to exercise leadership and hone my confidence in leading initiatives that help others.

Northwestern’s strong emphasis on community empowerment gives me the focused and thorough education I need while fulfilling all my ANDs, allowing me to foster the skills necessary to strive for my goal.