**Explain your interest in Architecture in 200 words or less. Please be sure to upload ONLY the Final draft of your essay here (PDF preferred).**

“The water waves shone in aqua, the light pours down through the traditional style railings…” This is the model we built for the new complex on our campus, out of recycled materials. The waves were pieces from discarded Sprite bottles, the buildings were out of used cardboard and wood.

The complex was built by a disciple of Ieoh Ming Pei. Modified based on Chinese gardens, it not only keeps the slanting roofs and enclosed courtyards but also what I call “a mooring point in space”.

I remember one of the Suzhou gardens I always went to in my childhood. There was a tiny lake with a bridge at one end, so while viewed from a certain angle, the lake seemed to extend behind the bridge, into the bamboo bushes. Here, everything builds upon each other visually. When I look through a floral window, it is like a frame for the plum. When I walk along the ambulatory, it gives a sense of infinity for the path winding into jungles.

When I was learning about polytopes in math, I also imagined them as these gardens, objects traveling in 4-dimension. In these gardens, each individual seems to be distinct and loosely connected, but when viewed as a whole complex, they become such a vibrant entirety. They travel and linger and tangle and scatter around. They interact in such a way that even the most advanced mathematical tools could not solve for.

After all, with math as a basis, architecture has gone far beyond, from the rational to the perceptual, the regular to the non-linear.