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12th grade

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I have always been on a clear path to college. It's been my plan from early on. What I was going to study was a different question. Due to my love of structures and buildings, I have floated between the idea of becoming a civil engineer or an architect. I love the excitement when a family moves into their dream home. I understand and am impressed with the engineering process that occurs during the design of a superstructure, and am often in awe of how a new building and surrounding landscape work cohesively to enhance the environment.

Since high school started, I have always been in classes that are engineering-based. Freshman year, I took Fundamentals of Engineering, an introduction to the engineering process. In this class, I learned to take blueprints to create an object, and to visualize the object and what process I need to do to achieve the desired result. Junior year, I was enrolled in physics and technology design. The take-away from physics was to show mathematically how an object would react with increasing velocity, decreasing mass, or a combination of any other variables. Technology design is a more in-depth engineering class where I was able to design more sophisticated projects like marble tracks, racecars, and bridges. I was able to take my ideas and bring them to reality.

Currently, my senior year, I am enrolled in ISU's architecture CADD drafting class, where we have designed and completed the blueprints for a residential house and a commercial law office.

So far, I have learned that drafting is communication between the builders and the designers, and how crucial their job is in the designing process. Along the way, I have learned multiple software including AUTOCAD and REVIT; all of which are 3D modeling software that I can use to design buildings. With each additional class, I build on my foundation of knowledge and love for the design and engineering process.

I know this sounds cheesy, but it's applicable. You could compare my educational background to the design/drafting process. First, I had an idea of what I wanted to do, and through the revision process, I have a more refined decision. Then, I went through the initial construction process; making my path a reality through my high school education, and adding finer detail with ISU's CADD Architectural Drafting program. My highschool experience has laid the foundation for my future career. My foundation is structurally sound and ready to be built on. Once built upon, the visible structure, which everyone can see, is my chosen degree. I will continue to make improvements and keep it up to date. The same as I would any building I oversee.

Please consider me for this scholarship. I am completely informed and committed to the rigor of my chosen degrees and am excited for the day that I can work in this field. I promise you, with confidence, that any monetary resources I receive will be used effectively for my education.