**Briefly discuss your reasons for pursuing the major you have selected**

*A malfunctioning ammonia sensor and automatic feces cleaner*: the farm figured it out too little too late; Not until several batches of chickens contracted a disease making them *unfit* for the food industry and leaving my parents’ poultry farm in a huge deficit right before my internship there.

Scouring the web to gain insights on supply chain, logistics, and operations, I came across Industrial Engineers who perform failure analysis and optimize manufacturing processes using Math; it captivated me. Purdue’s Industrial engineering curriculum would further my dream to scale-up my parents’ farm through effective problem solving of integrated systems.