**Please describe how you have prepared for your intended major, including your readiness to succeed in your upper-division courses once you enroll at the university. (350 Words)**

Last summer was my introduction into Supply Chain. It started with this big spider-web-looking diagram with labelings on my dad’s office’s whiteboard. As he briefly lectured me, I found out it was called Supply Chain Mapping. As I kept researching more, I became fascinated by how Supply Chain works, particularly the logistics behind Amazon's one-day shipping and Flexport’s undeniably genius supply chain management.

New to the field, I was perplexed by many of the terminologies; hence, I began self-studying, and learned everything from Last mile to Bill of Lading from Yingli Wang’s “E-logistics” book. Eventually, my interest grew to the point that I took the initiative to intern at my dad’s company, learning more about the end-to-end processes and the different types of Supply Chain. This internship undoubtedly contributed to my grasp of local and international logistics, the burgeoning omni-channel technology, and the complexity of modern fulfillment centers.

Working with the engineering team for most of my internship, I conducted in-depth research on the e-fulfilment for one of the company’s warehouses. From the research, I learned the benefits robots have in fulfillment centers, the optimal position of each warehouse, and how RFID chips and barcodes are used to track each shelf. I was also fortunate to get a thorough explanation of omni-channel technology on how it helps the supply chain by improving inventory management accuracy during periods of high volume.

Throughout my internship, I was also given a brief tour of the system and warehouses. The employees demonstrated how they pick and pack, input data into the system, and perform inbound and outgoing activities. As I became aware of how intricate each process is - such as the company’s limitations on using vendors for their last-mile deliveries - this restriction inspired me to consider ways to improve it more efficiently. Using our own couriers, for example, could result in faster delivery times for customers and better management and tracking for the company.

I chose to pursue Industrial Engineering to master Supply Chain Optimization. In the future, I hope to become a Supply Chain Engineer and contribute to my father's company's greater success.