

Statement of Interest

~~Comparing a~~In a large automotive ~~gigantic~~ organization, ~~as an automobile,~~ ~~precision~~technique and engineering divisions are the wheels that make sure ~~the vehicle~~it moves ~~ing at an~~an appropriate speed, while management and operations are the steering and engine that lead ~~the vehicle in the right~~its direction. Obviously, ~~the c~~Chief ~~o~~Operation ~~o~~fficer is the majordomos of an organization, ~~the individual who~~ ~~makes~~ing ambitious strategies, coordinates ~~the~~ing execution of all branches, and optimizes ~~ing~~ the performance of the crew. ~~The science of management~~Management of Science is an indispensable foundation ~~necessary~~ for future elites and I dream of ~~becoming~~ing one of them.

I ~~am currently an i~~major in Industrial ~~e~~Engineering ~~major at of~~**** University. The ~~national key~~ university ~~has presented~~embraces me with myriad ~~of challenging~~tough mechanical engineering courses as well as management science courses, ~~but~~ I am not the ~~type kind~~of student, who ~~can~~stays up ~~the for the whole~~night ~~before an exam to cram. Rather,~~ ~~to cram books before exam tomorrow.~~ I am diligent in digesting the essences of every discipline thoroughly and understanding theories in my own way. Not the smartest but the earnest, I ~~have~~ developed excellent analytical skills and improved my problem-solving ability through ~~writing my~~ thesis and ~~working on various~~ projects. Moreover, I ~~have chosen~~pick up ~~a~~Accounting as minor to enhance my understanding of business strategy, finance, ~~and~~or market forces, and to realize my full potential in every aspect of study.

My final thesis demonstrated ~~n~~No pains, no gains” and became the biggest accomplishment of my university ~~career~~life. Since a Sino-Italy joint venture of FIAT: an automobile engine foundry plant met some troubles in manufacturing, my professor recommended me and two other classmates to ~~determine~~figure out the causes ~~of the problem~~ and ~~find a solution.~~solve the problems. As the ~~p~~“Project ~~m~~Manager” of the team, I drafted a detailed plan. First, ~~in order~~ to ~~gain~~et a clear picture of the systems and process, we stayed there for a month, collecting enough data of all the equipments, products, personnel and their interaction. Then, I built a model in Pro-Model software to simulate the layout of the molding system. ~~After~~ ~~Through~~running the program, I ~~found~~ ~~got the~~bottlenecks and raised my suggestion. Based on the analysis, I simulated new scenarios ~~of~~: adding robots in ~~the~~ gating system, take-out machine, and loading chip machine. These methods increased through-put while decreasing ~~ed~~-WIP amount and circle time, ~~which and that~~ was a perfect optimization of performance. I reported our results to the engineers ~~and~~; they approved my idea immediately because it ~~proved to be~~ved effective and practicable in real production.

I accomplished my thesis ~~titled of~~“A Simulation Study of Molding System’s Rate in Automotive Foundry Plant” ~~eventually~~ and ~~I~~passed the oral ~~presentation~~defense with an “A”. Appreciated by my professor, my thesis was recommended to contend in

the first IE undergraduate thesis competition. It was really a ~~precious chance~~ unique opportunity since the competition was sponsored by **** Research and Education Center (****), and I was one of ~~the~~ sixteen students who had such an honor in China. I won the third ~~place~~ prize and was awarded a certificate from ****.

My undergraduate education of IE helps me to realize my field of interest in Operation Research. The theory of optimization is an effective tool in manufacturing, logistics, and supply chain. Operation research ~~And OR~~ emphasizes ~~on~~ feasibility. ~~If~~ the optimal solution is not ~~utilized~~ approached, then ~~the~~ sub-optimal solutions should be considered. This makes operation research ~~OR~~ extensively used in airports, plants, and hospitals, ~~and so on~~. I ~~found~~ myself allured by the mystery and beauty of OR, like an iron needle irresistible to a tremendous magnetic field. The more I ~~learn it~~ get to learn it, the more significant ~~role~~ role I ~~can~~ see it plays in decision-making. ~~In order to get a~~ To get a thorough and systematic study of the most advanced knowledge, I decided to participate in Master of ****, which provides the impetus and setting for honing my skills in the areas of highly applied, immediate problem-solving work, and the application of mathematical methods to interesting problems. The years I study in world-famous ****'s School of Business will absolutely be the most brilliant and worthwhile experience that I will remember for the lifetime.

With more and more knowledge, I do not ~~want to~~ want be known only as a bookworm only. ~~Instead, On the opposite,~~ I immerse ~~throw~~ myself into many lots of extracurricular and social activities, ~~and~~ enhance ~~geed~~ communication and cooperation skills, and cultivate ~~ged~~ perseverance in all kinds of tasks. With these characters, I became an intern ~~in of the~~ Supply Chain Management department Dept. at **** & **** Co. for two months. I was the assistant to the manager so no matter important things or trivial details, I paid 100% preciseness and patience to every matter. I finished monthly manufacturing reports, implemented Lean Thinking in saving cost, made ~~next month~~ demand forecasts, and controlled budget. I was also in charge of updating order condition in SAP. From these work, I learned how a company operated and how to be a qualified team member. My boss appraised me with, "You pick up everything so quickly," and I think that quick-learning and high efficiency are the keys to success.

My vision ~~for of the~~ the future is constantly evolving, but the importance of proper education remains constant, making a degree in master of management the most urgent priority at this point in my career development. I am determined to become an excellent strategy consultant or research analyst in a major global ~~at renowned~~ companies. As Bertrand Russell says, "The good life is one inspired by love and guided by knowledge." I make every effort to pursue my career and find a path to a good life.