

# Business School Essay

My long-run objective is to create smart factories with high production efficiency by utilizing enormous amounts of data through the Internet of Things (IoT). I believe that I need to acquire a management perspective because management requires a mechanism to enable inputting the information that is truly crucial. Studying in the University of Massachusetts Lowell's Master of Business Administration program will be a great asset in realizing my career goal by learning the theory of systematic management, especially operations management.

For approximately ten years, I have been working for F.tech Inc., a Japanese automotive parts company. As a member of the Environment System team, I work on environmental management throughout the F-Tech Group. Since 2016, I have served as a coordinator of Environmental System team that work in overseeing both domestic and international environment management.

As part of my work, I have been engaged in promoting energy management at factories by utilizing the ISO50001 energy management system. I am in charge of system construction in it, and realized a concrete operation method in accordance with ISO framework. At that time, there were few companies that acquired ISO 50001 certification in the Japanese manufacturing industry, and there were few reference cases. Therefore, I learned the case of the manufacturing industry in the USA and the guidance of the ISO which was advanced, and applied it to my company. My experience also includes summarizing discussions among teams composed of 5 to 15 members with specialized skills from each division and determining the direction at factories of in Japan, the USA and China. This experience taught me how to communicate with people who have very different backgrounds from Japan. Sometimes we had different opinions, but I proceed the discussion by explaining in theory. In addition, from 2016, I was in charge of progress management and guidance of my team work as the head of the environmental system team consisting of three employees. My team members had little work experience, so the work was sometimes stalled. So I taught that the way of thinking of priority of work and good communication between associates is effective for business promotion. From this experience, I learned that it is important to motivate team members to improve the team's performance.

We were the first Japanese automotive parts specialized manufacturer to receive ISO50001 certification in 2013. In addition, we received the Energy Management Insight Award from the Clean Energy Ministerial, which is an international forum that promotes the spread of clean energy. We were also awarded the ECCJ's (Energy Conservation Center, Japan) Chairman's Prize and the Energy Conservation Grand Prize for excellent energy conservation equipment for our overseas group's ISO50001 development.

There are three reasons why I would like to enroll in this program. First, I can learn while continuing my career because it is an online course. Second, participants are made up of students from around the globe, enabling me to develop ideas and communication skills with people from diverse backgrounds. Finally, I can learn systematic management theory at a high level. Therefore, I would strongly like to participate in your program.

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