**Introduction yourself**

Good morning Sir.

First of all, thank you for giving me this opportunity to introduce myself. My full name is Le Van Tho. I come from Binh Dinh province where has many beautiful sites. I am a third mechatronic student at Ho Chi Minh University of Technology and Education. I belong to a nuclear family.

After reading the information about your company, I think I can do this job because it belong to my specialized and I love this job.

In my university, I learn a lot of things and do a lot else. I did the bending machine with my team, the pepper cake machine with the pneumatic system. I also practiced in the pickit which help me learn to code the MCU. I also comprehend electronic components.

My strength is that I am self-motivated, hard-working, and a disciplined person. My short term goal is to get a job in a reputed company and my long term goal is to achieve a good position where I can build my career and help the organization too.

My hobby is listening to music, I like listening to classical music because it reminisces my memories. Besides, I also reading the book in my free time, I read “Who moved my cheese?”, “ Tony buoi sang”,… sometimes I read the technical books. I very like eating dinner with my friends because it very interesting, and I don’t feel alone.

That all about me. Thank you again for this opportunity.

**Abstract**

Developing a model "Banh tieu" machine 0.5 ton/h for industry using the pneumatic system.

This machine was made to remove the disadvantages of the traditional machine with low cost and high efficiency. By using pneumatic technology, it became cheap, easy to use, and because using air so it reduces pollution. The system can run for a long time so it helps save labor.

To accomplish this machine, first, we searched the related project on websites. Then we began to download the necessary tools and then bought the equipment. Finally, we assembled all components, adjusted the test.

After two months, the machine was completed with a compact design. With one person to control, this machine can work continuously eighteen hours per day with high efficiency that is 0.5 tons per hour. It is so durable,  it just needs to be maintained every six months.

This machine can solve almost problems of many companies and can apply in mass production in the industry.

**Free type paragraph**

Failure is the mother of success. First, there are no successful people who have not failed. The boss of the KFC restaurant chain is Colonel Sanders who lived with 105 dollars of government subsidies and was rejected 1009 times. Second, when you get different mistakes, the experience will be accumulated, so that you will limit your mistakes again in the future. Thomas Alva Edison did hundreds of experiments to announce the famous invention is that of incandescent bulbs. Third, the spirit will be strong after you pass the falling. Oprah Winfrey is the talk show host and the world's most influential woman who was demoted from her job as a newscaster because of her physique before. In conclusion, don't dampen before the failure, pass it and you will be successful soon.

**Technical paragraph**

In 4.0 industrial, IoT is one of the most important factors. IoT is the acronym of " Internet of things" which a part of embedded systems. IoT systems can connect and control devices by wireless so it is very convenient. The smart home is the highlights example, it can be used to manage many devices in the house, such as fan, refrigerator, lighting, door, etc. Besides, IoT systems can collect and push data to servers long and continually, it very necessary in the digital transformation age today. IoT devices can be used to read the temperature, humidity, power of electric devices, ...and then push data to servers. Lastly, the applicability of IoT systems is so wide. IoT systems can apply in the military, industry, agriculture, medical, autonomous, ...etc. In conclusion, IoT systems are very necessary for modern life.

Link Research paper: https://drive.google.com/drive/u/0/folders/1vcBnqLWMBaR2h-qZDs3KJvDsW9xdb9NU?fbclid=IwAR3iCr6LA08I9iUrgr9MK\_1Gv0r8QDysZF0h\_C3GtxeTKScgOWplBw91wR0