

KOSEN Hanako

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Dear Sir or Madam,

My name is KOSEN Hanako. I am currently a 1st year student at Advanced Courses in National Institute of Technology, Asahikawa College, majoring in Mechanical Systems Engineering. I lived in the dormitory for 5 years.

I was a member of the Robot Contest club for 5 years. At the local tournament last year that I have served as a leader, my team became the champion.

I am writing this letter to explain my graduation work and the reason to study in university.

I did a study of search and work robot to be used in the event of a disaster at graduation work. I made a smaller version prototype of the radio-controlled robot to explore the interior of the collapsed building by the disaster. The robot is intended to operate in small groups in an emergency. Furthermore, it is possible to prevent the worker from being injured.

The robot is driven by the crawlers and has two robot arms as working machines. They are also auxiliary crawlers to climb the high steps. The servomotors are used for joints of the working machine.

It has a hand to the tip of the robot arm to process the debris with them. You can operate this robot with just this wireless controller only. The controller is in communication with the robot in Jigbee method.

I have never been abroad yet. However, I had a strong interest in foreign countries.

I wished to study abroad to build a wide circle of friends and get a wide field of view and deepen this experience. Since I have not seen the technology and culture of countries other than Japan until now, I would like to learn various things of France.

I am looking forward to seeing you and your country soon.

Yours sincerely,