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**Application for the ASTRI Summer Internship Programme 2020 at ASTRI**

Dear Sir/Madam,

I am writing to apply for the ASTRI Summer Internship Programme 2020 at ASTRI advertised on 31 January 2020. I am extremely interested in this position as I firmly believe that I have the right combination of my creative mindset and enthusiasm in technology literacy to not only make me an ideal candidate, but also as a real asset for your company.

As a second-year student of the Computer Science Program at the Chinese University of Hong Kong, I have equipped me with the practical programming skills and concepts you required. In the Artificial Intelligence course, I designed an AI model which is training with Deep Neural Network by using Tensorflow to predict the toxicity of drug molecules. I applied multiple convolutional layers, Dense layer, and Dropout in order to predict a more accurate result which helps me to award A grade in this individual project. This course and project help me to improve my AI Skills and make me feel confident to perform well in my future job.

As we know that being persistence and open-minded is essential for people who want to get success in the technology industry. In my university life, I joined the CUHK robocon team to get more experience and strengthen my knowledge of technology. In 2019, Our team competed for The ABU Asia-Pacific Robot Contest. As a part of this team, I mainly responsible for programming design. I needed to use Arduino to control the robot car moving around the paths and finish the throwing task. In order to increase the moving speed and ensure the accuracy of the robot, I kept adjusting on the program to find a more suitable turning speed and throwing angle for the robot. Finally, we got the champion in the competition. This experience not only helps me to develop my persistence and open-minded skills but also improve my creativity and problem-solving skills.

I have enclosed the resume with this letter. If you have any questions, please contact me by phone (+852 68085033) or email ([1155116045@link.cuhk.edu.hk](mailto:1155116045@link.cuhk.edu.hk)).  I would be grateful for the opportunity to discuss in more detail in the job interview. Thank you for your time and consideration.

Yours faithfully,

Lam Yik Shing, Jason

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