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Brain Corp, San Diego, CA, US

To whom it may concern,

I'm writing to express my interest in the Machine Learning-Software Engineer/Scientist that is posted on the website. I believe my interdisciplinary skills and experience for the hardware and software framework would be valuable to Brain Corp, and make me an ideal fit for this position.

I have been working on deep neural network with TensorFlow since Nov. 2016, especially for the computer vision using CNN. For the classification, I implemented the AlexNet with TensorFlow from the scratch and achieved 51% validation accuracy to know well the details about CNN. Also, I devised the tutorial that guides the students to understand the foundation of deep learning through classifying Cifar-10 dataset. Now, I focus on deep learning on embedded systems that can perform real-time applications. I devised a CNN model with end-to-end training for single object detection in real-time on NVIDIA Jetson TX2 embedded systems (> 20 FPS and 65% IoU for 98 classes).

You will see after reviewing the enclosed resume. I have made numerous contributions to my advisers and employers, especially the parts of the implementations. Due to the rise of deep learning applications, I believe the implementations of deep neural network onto the embedded systems is going to play the critical role and I am ready for its coming.

I am confident that I am qualified for this position. Thank you for your time – I look forward to learning more about this opportunity!

Sincerely yours,

Hsiang-Huang Wu