November 11, 2016

Recommendation Letter

To whom it may concern,

My name is Hideki Koike, Professor of Computer Science Department, School of Computing, Tokyo Institute of Technology. My research group studies methods for novel interaction between human and computer system, more detail can be found at our group's home page (`vogue.cs.titech.ac.jp`). I am writing this letter to recommend Mr. Nguyen Thai Hoang to the Google Brain Residency Program. As the supervisor of Mr. Nguyen in the laboratory exchange Augmented Reality project, I believe he is one of the best students in term of intellectual ability and leadership. During the 4 months project, Mr. Nguyen showed excellence creativity and management skill. In the very beginning, he was able to quickly estimate the workload and come up with a rough plan. Letting his teammates choose what to do first, Nguyen then took the most challenging task of designing and implementing a wireless digital ball that can detect collisions and spins. Mr. Nguyen also incorporated his study about network science into the project. The final result of his group is a working prototype of a network game where user throws a ball to a projected screen to prevent a disease spread in a network.

Mr. Nguyen has impressed me by his unlimited energy and enthusiasm to learn from others. For instance, he came up with an idea of using an external simple tilt sensor to reduce the drifting effect of the gyroscope sensor. He also removed the internal of a bouncy ball through a very small hole so that the sensors would fit inside the ball, but the ball did not lose its bounciness.

Furthermore, during the final presentation, he even came up with a very interesting idea for other group (which worked on a different project).

I evaluate Mr. Nguyen as one of our university's best student and I think he will be a valuable member of any research group. I would be pleased to recommend Nguyen to your research group. Please feel free to contact me if you need any further information.

Sincerely,

Dr. Hideki Koike

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