Pietro Lio'
Full Professor
PhD in Non Linear Dynamics and Complex Systems
PhD in Genetics Sciences



28 July 2022

## To whom it may concern

I'm writing this letter on behalf of Mr Hongxu Ji, who was one of my students in the "Artificial Intelligence and Robotics" online course.

I am a Full Professor at the Department of Computer Science and Technology, University of Cambridge. I have obtained one Ph.D in Non Linear Dynamics and Complex Systems (University of Firenze) and one Ph.D in Genetics (University of Pavia). My fields of interests are in machine learning and modelling in computational medicine.

Hongxu Ji is a brilliant student. I taught him a wide range of topics: convolutional neural networks, autoencoders, graph neural networks, transformers and reinforcement learning. I have been impressed by his capacity of learning and vision of the future of AI and his mathematical skills. I have discussed with him about developing a cross-modality, data-fusion & Integration Decision making systems.

He is highly skilled, impressive in communication, brilliant, reliable, hard-working and sociable Should you have any additional questions, please do not hesitate asking me.

Best regards,

Computer Laboratory, William Gates Building

JJ Thomson Avenue Cambridge CB3 0FD

Telephone: 01223 763604; Fax: 01223 334678; E-mail: pl219@cl.cam.ac.uk