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Letter of Recommendation for Wong Wai Yin Henry

To whom it may concern,

I am writing this reference letter to highly recommend Wong Wai Yin Henry for future academic or professional endeavours. As a lecturer at HKU School of Professional and Continuing Education, I had the pleasure of teaching Henry in my course titled "Big Data Applications and Financial Analytics" in the Spring semester of 2023. Throughout the course, Henry demonstrated exceptional talent in data science and financial technology, a remarkable depth of knowledge in software engineering, and project management skills.

In terms of academic performance, Henry's achievements are extraordinary. He secured an A+ grade in my course, demonstrating a comprehensive understanding of the concepts covered, including machine learning algorithms, time series analysis, and text analytics within the vast scope of big data. His proficiency in these areas was evident in his assignments and examinations.

Henry's capstone project was a cloud application designed to monitor and predict cryptocurrency pricing. It was impressive to see Henry skillfully utilize Docker for the containerizing services and MQTT for inter-service communication, reflecting his agility with modern software practices. The project featured a confluence of predictive models — ARIMA, LightGBM, and LSTM — showcasing his adept application of machine learning and time series analysis to financial data. Additionally, Henry developed a text analytics service to analyze trending discussions on cryptocurrencies across social platforms like Twitter and Reddit. Lastly, he

deployed the application on AWS and showcased it in his final presentation. The professional software development practices and object-oriented programming Henry has done were exceptional in the class.

During the project, Henry also demonstrated excellent leadership and project management abilities. He led a team of four classmates who were not from an IT background and played a crucial role in introducing the team to the fundamental knowledge of time series forecasting and text classification inference. Besides, he provided guidance and resources to help the team understand these complex concepts and implement them in the project. His mentorship and communicative clarity achieved a dynamic and inclusive team dynamic, leading the team to great success in the final presentation.

In light of his demonstrated expertise and leadership, I have no hesitation in recommending Henry for any academic or professional opportunity that he may seek in the future. I firmly believe his robust skill set and comprehensive knowledge of various topics will render him a valuable asset in any data-driven field. Should you have any questions regarding his candidacy, please feel free to contact me via Email at 2021811@teacher.hkuspace.hku.hk or ken.tsai@aia.com, or phone at +852 6511 8633.

Yours Faithfully,

Tsai Ken, Ka Kan



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