To whom it may concern,

I am writing this recommendation letter for my former supervised student Jiajun Hu.

I previously taught Jiajun the course of Engineering Analysis in academic year 2018-19 and guided him to finish Engineering Construction Project and taught Electrical Energy Conditioning and Control at the same time in academic year 2019-20.

Jiajun had achieved an excellent academic performance and record in these modules. For Engineering Analysis, he had showed the capability to manipulate and apply basic mathematic tools in circuit analysis deftly. Moving to the next year, Jiajun was more motivated and gained better academic records. For the Electrical Energy Conditioning and Control module, in which students are introduced the basic concepts of power electronics, control theory and electrical machine, he had achieved an excellent high mark 81/100. I believe that Jiajun is such a motivated and ambitious student who are confident to conquer the difficulties encountered in the study period, so that he is enabled and prepared well to pursue further study.

On the other hand, Jiajun showed his hands-on practical ability in the team-based construction project. The project mainly focuses on the design and implement of an AC-DC forward convertor. Jiajun had demonstrated a great understanding in this power electronic area including assisting teammates testing PCB power board, designing controller strategy using Feedback loop and Op-Amp. Although due the pandemic influence, the project session may be limited and shortened, Jiajun and his team had achieved a great degree of completeness and well performed functions by marking at 73/100 a great academic module assessment.

Jiajun is also a communicative person that he usually gives essential information of study progress on time and discuss the project issues then dive further and deeper into the specific area under my supervision and feedbacks. The great ability of communicating and research enables Jiajun to fit in a team and be a good researcher.

All in all, Jiajun has showed great ability both in academic performance and hands-on projects, I believe Jiajun is prepared well to follow the master’s degree and also capable to get excellent achievements in his following career.