

## Vi Viet Hoang (Henry) Ngo – Reference

To whom it may concern,

I am the co-founder of Robotics Masters and have run multiple university projects with The University of Sydney. For one of these projects, I was working with Henry and his team in developing a new simulation tool for controlling lights (the Light Show Pi Simulator).

I worked with Mr. Vi Viet Hoang (Henry) Ngo during his time working on the 2023 Sydney University Capstone Program, which he completed in collaboration with Robotics Masters during the period June 2023 to October 2023. I was his mentor and supervisor. Henry was working with a small team of 5-7 other students.

All the students I work with come into our program with limited experience and exposure to realworld problems or development practices. Part of the program we have been running involves upskilling and giving the students the opportunity to extend their skill set and knowledge.

As mentioned, Henry and his team were working on building a new simulator for an existing software library called LightShowPi. Their core project goal was to make the simulator accessible to the userbase. The library did not interact with any simulator before this project started, only with select hardware.

Henry was specifically working on building the reliable network stack for communication between the simulator and the hardware control systems. He also worked extensively on the front-end user interface in the Unity platform.

Henry's team managed to complete most of the project goals that were set at the start of the project. Given the difficulty of the project it was good to see how they solved the problems throughout the semester – including the challenging communication patterns.

I am advised that Henry was an excellent team member and contributed extensively to the workload provided both by Robotics Masters and the University Assessments.

Henry grew as an engineer throughout the project and gained a lot of valuable experience, knowledge, and technical skills in the web development field.

If you wish to seek further clarification, please feel free to contact me via email.

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Kind Regards,



Cian Byrne  
Robotics Masters Limited Co-Founder,  
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