

26 May 2023

To Whom It May Concern,

STUDENT TESTIMONIAL FOR NG CHEN-XUAN

Chen-Xuan has been a student at Nullspace since September 2021. Through his time with us, he has attained the following certifications:

- CSARC Certificate in Robotics Grade 2 – High Distinction
- CSARC Certificate in Robotics Grade 3 – High Distinction
- CSARC Certificate in Arduino Grade 1 – High Distinction
- CSARC Certificate in Arduino Grade 2 – High Distinction

Chen-Xuan has represented Nullspace in the following competitions:

- First Lego League 2021/2022 (Secondary Category)
- IDE Series 2022 Robotics (1st Runner-up)
- IDE Series 2022 Code Builder (Gold award)
- IDE Series 2022 Code Hacker
- IDE Series 2023 Robotics
- IDE Series 2023 Code Hacker

Chen-Xuan also represented his school for the following competitions:

- First Lego League 2022/2023

Chen-Xuan has consistently shown strong interest in robotics and coding. He is well-mannered and demonstrates an inquisitive attitude. He is keen on asking questions, and not averse to trying new ideas. He has proven to be adaptable in unfamiliar situations. For instance, in his Arduino classes, he was able to adapt his knowledge in LEGO Robotics to quickly pick up text-based programming.

In doing CATALYST projects, Chen-Xuan has also had the opportunity to pick up 3d printing and design skills. These skills allowed him to design a customised motor bracket which we 3d printed for his automatic planter project. Through his Catalyst projects, Chen-Xuan has demonstrated willingness to learn new skills, as well as the willingness to perform hands-on tasks, working with tools to fabricate parts for his project.

In LEGO Robotics competition trainings, Chen-Xuan displays strong computational thinking and always strives for perfection, allowing him to achieve stellar results. He is self-driven and willing to push his limits, evident in his joining of First Lego League 2021/2022, IDE Series 2022 Code Hacker and IDE Series 2023 Code Hacker where he competed against Secondary School students. Chen-Xuan is a team player; his self-directedness and active participation in all aspects of preparation has been key to his teams' progress.

Chen-Xuan has great potential in robotics and coding-related domains. Given his passion and willingness to take the initiative in learning new things, Chen-Xuan will undoubtedly excel in future endeavours.

A handwritten signature in black ink, appearing to read 'Low Wei Qiang Clement', with a stylized flourish at the end.

Low Wei Qiang Clement

Head of Training

Nullspace