

Testimonial

ACADEMIC YEARS: 2019 - 2024

DATE OF PRINT: 13/11/2024

NAME: Drew Michael Terren Ramirez

STUDENT ID: H1910027

MENTOR GROUP: M24604

DATE OF BIRTH: 21/08/2006

MENTOR: Lim Chong Shen

Drew Michael Terren Ramirez joined the NUS High School of Mathematics and Science in January 2019 and graduated in December 2024, having completed his course of studies with Honours in Mathematics and Physics and Majors in Chemistry and Computer Science.

Academically, Drew has proven to be a diligent, earnest and highly motivated student who is fully committed to his education and academic pursuits. Keen to learn at the personal level and also with his peers, he was consistently engaged in class discussions and his work submissions reflected care, thought, and effort.

Drew's exceptional academic ability and achievements in the fields of science and mathematics were recognised with several prestigious awards. Notably, he was awarded the Temasek Foundation Scholarship for Excellence in STEM (2023) and the Lee Kuan Yew Award for Mathematics and Science (2023). Additionally, Drew received the Edusave Scholarships for Independent Schools (ESIS) from 2019 to 2023, and the NUS High School Scholarship from 2019 to 2021. These accolades reflect Drew's consistent academic excellence and his commitment to deepening his knowledge in mathematics and the sciences.

Keen to stretch himself beyond the classroom, Drew further enriched himself by participating and performing exceptionally in various academic events and competitions. His achievements in mathematics are underscored by his participation in prestigious international competitions. He won a Silver medal in the International Mathematical Olympiad (IMO) in both 2022 and 2023, and a Gold medal in the Asian Pacific Mathematics Olympiad (APMO) in 2023. These accomplishments were attained through his commitment to months of rigorous training and preparation. Drew's enthusiasm for collaborative problem-solving was evident during these training sessions, where he worked closely with his peers to improve their mathematical skills. His ability to foster a spirit of learning and teamwork greatly contributed to the overall success of the delegation and helped him grow as a mathematician.

On the research front, Drew's research interests led him to work on a group project titled 'Chromatic Number of Graph Powers' with a cohort mate. In this mathematics research project, Drew played a significant role by handling the backend computation and contributing to the proof of their final results. Although they had to unexpectedly change the scope of their research midway, Drew's ability to adapt and focus on what was tractable demonstrated his strong problem-solving skills and perseverance. His contributions were pivotal in ensuring the success of the project, which was awarded a Gold at the Singapore Mathematics Project Festival (SMPF), along with the Foo Kean Pew Memorial Prize for outstanding research. Indeed, Drew's accomplishments reflect his potential

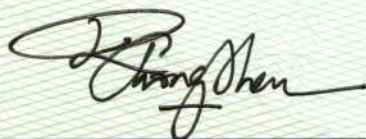
as an academic researcher.

Beyond the academic and research domains, Drew further broadened his educational horizons via his involvement in his various Co-Curricular Activities (CCAs). Training with the Basketball Team in 2019, he developed himself physically and also built his teamwork skills. An active member of the Chess Club from 2020 to 2024, he demonstrated dedication and focus during chess sessions, often serving as a role model for other members by maintaining a high level of engagement and commitment to improving his skills. His ability to bring a positive and focused attitude to his CCA helped foster a collaborative and respectful environment, where members could learn from each other and grow as chess players.

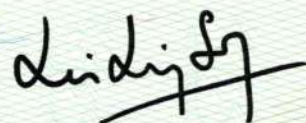
Drew was also a member of the Math Interest Group (MIG) from 2021 to 2024 and served as the Training Representative in 2023, where he was responsible for organising training sessions for the Singapore Mathematical Olympiad (SMO) and conducting internal workshops for the MIG. His efforts to improve the quality of the training despite challenges laid a strong foundation for future MIG ExCo members. Drew's leadership in MIG exemplified his commitment to giving back to the mathematics community and ensuring that younger students had the resources and support they needed to excel in competitions.

In addition to his academic and co-curricular pursuits, Drew also was actively engaged in his service unto others, devoting much time and energy out of his busy schedule to contribute to the community. His Values-in-Action (VIA) experiences further highlight his commitment to serving others. As part of his Year 5 Humanitarian Education Project (HEP) in 2023, Drew and his team collaborated with Lions Befrienders to engage with elderly participants through traditional songs, art and craft, and games. This experience pushed Drew out of his comfort zone as he had not previously interacted with the elderly community. However, he quickly adapted to the situation and found the experience to be both fulfilling and eye-opening. Drew's willingness to step up and serve a population that he was unfamiliar with demonstrates his empathy and commitment to making a positive impact on others.

All in all, Drew is a driven, empathetic, and intellectually curious individual who has made significant contributions to both the academic and service communities at NUS High School. His achievements in mathematics, leadership in the MIG, and commitment to serving others through VIA projects reflect his strong character and dedication to personal growth. Drew's ability to balance his academic pursuits with leadership and service demonstrates his well-rounded nature and his potential to succeed in any path he chooses to follow. Drew will undoubtedly be a valuable asset to any academic institution or organisation he chooses to join in the future.



Lim Chong Shen
Mentor



Ms Soh Lai Leng Magdalen
Principal