I am a Pharmacy graduate from the National University of Singapore (NUS) with a research interest in organic synthesis, toxicology, and infectious diseases. Specifically, my undergraduate research work consisted of two research projects that revolved around the discovery of new antitubercular agents and mitigating the toxicological effects of existing ones. From 2011, I did research in catalysis, medicinal chemistry, and chemical biology at the Agency for Science, Technology, and Research (A*STAR), which is also funding my doctoral studies.

Having better understood the challenges that chemists and biologists face in the lab, I embarked on my doctoral studies in Chemistry with the Syntech CDT in 2020. My research at the Gaunt group focuses on the development of protein labelling strategies aided by a machine learning approach.

I was motivated to join Syntech by my firm belief that our work should translate into greater value. This philosophy, which has been shaping my research in a translational direction, dovetails with Syntech's goals to apply a big data, automation approach to many of today's chemical problems. Laboratory work is often a repetitive process, and I believe that these key aspects of the Syntech programme will accelerate what we do at the bench, scaling it into a more efficient and productive process.