The internet has become an indispensable part of everyday life, from social media to official documents. With the blessing of convenient information technology, comes the curse of information leak. China has witnessed a drastic growth in online users, which creates a higher demand for talents in information safety. As someone majoring in this field, I was motivated to continue developing on this path. Not only do I consider information safety a booming industry, but I also truly recognize its significance. Being a victim of information theft once, I am still anxious about how easy to piece together a clear user profile for those with criminal intentions. It sometimes seems that from basics including gender, appearance, and address to something more personal, such as preference and social connection, every aspect of a person is accessible online. My later experience in the project of online privacy in the school lab allows me to further understand how urgent it has become to protect the information safety of online users.

However, this experience also motivated me to explore the possibility of information security. Learning in Shanghai Jiao Tong University, one of the elite institutes in China, I was fortunate to access many projects and events that equipped me with knowledge of both leading theory and practices in the real world. Information security has great value to modern business with computers and the internet being irreplaceable elements in business development. I was especially interested in encryption and flow, and more importantly its value in industrial practice. However, with the increasing requirement of computing talents, I was determined to expand my education in computing science by pursuing a master’s degree.

As challenging as a postgraduate degree may seem, I am confident in my academic ability. My previous learning experience in information security has provided a solid foundation for me to take on the academic challenge in the programme. Meanwhile, I was able to develop my soft skills and professional knowledge as an active student in a range of volunteer activities and social practices. For instance, as I mentioned above, I joined Cryptographic Analysis and Big Data Security Lab at our university and working under respected academic figures truly sparked my interest in how information technology benefits the function of society and business. Under their supervision, I joined the school project researching how to effectively detect the privacy leakage of social media users. Another experience that benefited me greatly was when I participated in the National College Student Information Security Contest with the project Tracking and Detection System for Terrorists in Disguise. The main aim of this system is to identify and track terrorists that perform designated violent acts so that we could assist the security system in identifying terrorists and grasp their whereabouts and facilitate investigations and evidence collection. I worked closely with my team members to enhance the research structure, contributing ideas to the development of the system. This experience enabled me to examine my theoretical knowledge in practice, and I became aware of what my knowledge could contribute to society.

Given my current achievement and research interest in cyber security, I was determined to strengthen my expertise in this field with graduate training. In recent years, China has witnessed a rapid growth in high-tech enterprises, and there are a large number of companies of information technology entering my homeland. This has led to the increasing number of talents working in this field and evoked a strong sense of anxiety because I was concerned with my all-around development in the field of computing science. This would be a valuable opportunity to not only delve deep into the the leading theory of cyber security, helping me start my career as a well-rounded IT specialist. In return, I believe I could contribute to the programme with my speciality developed in the field of information security, and I hope to bring a different approach and view to modern information security to my peers.

One of the career paths I would take is competing to be a technological professional in a leading company. Meanwhile, I would like to evaluate my research skills, and continuing in academia as a person who researches and innovate is indeed another passion of mine.zTherefore, this programme, which allows me to explore obtain broad-based and leading-edge skills in computer science, would help me to identify my career goal outside the realm of information security.

Therefore, I would be thrilled to receive admission to NUS. I look forward to the lectures, seminars, and masterclasses from visiting practitioners, and respected academic figures here. The Infocomm Security Specialisation would be a precious opportunity to expand my understanding of information security in technical, managerial, and legal aspects. Needless to say, courses including *Cryptography Theory and Practice, Information Security Management,* as well as *Systems, Network, and Web Security* excite me the most with my passion as those courses are most aligned with my previous practices and academic interests. I would be grateful to cultivate my skills and knowledge in such an open, critical and multicultural environment. I truly believe the programme of Master of Computing would allow me to continue as the marketable and valuable professional I aspire to be.