My name is Kevin Mok, and I graduated from Texas State University with a degree in Electrical Engineering in 2019 with exceptional grades. After receiving my degree in 2019, I began working as a software engineer, emphasizing C#, DB management, and bash scripting. I primarily focused on automating repetitive chores and programming robots. As I progressed in my career, I became fascinated by system designs and web services. I began studying web development in my free time with languages such as JavaScript, Typescript, and Python, eventually becoming proficient enough to create websites, microservices, and bots. As a result of how much I liked it, I began working as a part-time, Full Stack Engineer at JamboMambo, a web3 startup, where I learned how to interact with blockchains.

While studying Electrical Engineering, I led three other students as the project manager for our Capstone Project. We attempted to create an intelligent system to enhance public sidewalks and roads. Our project, "Smart Street Lights," aimed to develop street lights that could adjust their brightness levels per the ambient light. We also wanted to make the lights energy-efficient by turning them off at night unless there were cars or pedestrians. The project's best feature was that the lights could attempt to anticipate pedestrian paths by turning on automatically as the pedestrian approached them.

"Geniuses aim to make it available to others, whereas ordinary folks strive to make a living" I see the world in this way. If I can do that, I will motivate a few more to go down the same path. My primary education, career experience, responsibilities, and core knowledge have convinced me that this program best fits me. Most importantly, I have met all requirements for applying to this course. Its employment opportunities include software development engineers, computer and information systems managers, web developers, computer systems analysts, and A.I. specialists. Over the past ten years, the CS (Computer Science) industry has proliferated around the globe, and there will soon be a great demand for new employees. I want to work as a highly trained expert in computer science and join a few recognized organizations to establish a successful career. One of the other reasons I want to participate in the program is that I want to start learning A.I. and M.L. since I love automation and find it intriguing to watch computers understand and predict things as humans do. Today, I am a Customer Success Engineer at Moveworks, a startup with a strong AI and, more significantly, NLU focus. I am lucky to contribute and be part of a company taking A.I. and NLU to the next level. Although I have been here for a short time, I

have contributed and made minor improvements to aid our team in being more efficient and organized. We are encouraged to help each other in any capabilities to improve our tools. I believe that is the magic of working at a start-up.

Even after my MS, my ultimate professional goal is to focus on artificial intelligence and Machine Learning. Artificial intelligence allows machines to simulate human actions and learn from them. It is possible for a machine to automatically learn from a set of data without explicit programming thanks to machine learning, a subset of artificial intelligence. These technologies enable software systems to become better at making predictions without being specifically designed to do so, opening the doors to an untapped potential to solve minor to large-scale problems and develop machines to aid the human civilization.

Georgia Tech's College of Computing has been a pioneer in defining modern computing as a paradigm that unites the theoretical foundations of mathematics and information systems, the power of creation in computational frameworks, and interdisciplinary practice that fuses advancement in computing with all aspects of life. The prestige of the OMSCS program provides students with advanced knowledge through their expertise is bound to attract some of the best students of our generation. I want to put in the hard work and become one of these students that will make a difference positively.

I would like to conclude that I am incredibly interested in the Interactive Intelligence Specialization, and I wish to learn more about Artificial Intelligence and expand my knowledge in this field. With my background in Electrical Engineering and experience in the industry, the concepts viewed in your courses will relate to my day-to-day interactions at my workplace. I aim to engage and compare experiences with other students and teachers in the program, as this will allow me to learn from their experiences and receive valuable insights of my own. I hope you select me for your prestigious program, and we can work together to push the limits of A. I and technology.