To whom it May Concern,

I intend to pursue my bachelor's degree in Computer Science at University of Southampton for the academic year 2024/2025 full-time program.

I have been fascinated by technology since I was eight, as I was amazed by how my first iPod could play music, store photos, and even connect to the internet on such a small device. I was curious to know how it all worked, so I started to ask my programmer father, who introduced me to the programming and computer science world!

I am a high school computer and engineering Saudi Path System student. I have always been a committed and outstanding student and excelled in all the computer science courses and workshops I attended. I was also a robotics club member, where I worked on building and programming robots. This experience taught me how to work as part of a team and how to solve complex problems. Further enriching my educational journey, I was selected to participate in Mawhiba, a gifted and talented education program in Saudi Arabia. Mawhiba has provided me with many opportunities to learn and grow. They provided computer science, mathematics, and science courses, and they allowed me to participate in several research projects. Mawhiba has supported me in developing my skills and talents and has prepared me for the challenges of university study.

In one of my research projects at Mawhiba, I attempted to develop a new algorithm for machine learning; my algorithm outperformed existing algorithms on various tasks on exciting machines. This experience taught me how to conduct independent research and how to develop new solutions to complex problems. I am also

proficient in Python, a popular programming language used in cybersecurity and other fields. I have used Python to develop several personal projects, such as building a database, including a web application that scans for security vulnerabilities and a script that automates tasks related to network security. Moreover, I am capable of using Kali Linux, a Linux distribution that is widely used by cybersecurity professionals. I have been developing websites since I was in fourth grade. Besides, I have always been interested in cybersecurity Expos and Hackathons such as LEAP and Black Hat, and I have a good background in the field. I have attended diverse security and penetration testing workshops.

I am applying to your computer science program because I believe that it will give me the skills and knowledge, I need to achieve my career goals in ensuring secure storage, control access and preventing unauthorized processing, transfer, or deletion of data as a Cyber Security Analyst, in addition to data management solutions and maintaining data quality and analysis as a Data Scientist. I am confident that with my experiences and aspirations, I would be an asset to your program, and I am eager to prove myself.

I am interested in studying in the UK, as it has a strong record of developing and implementing ethical guidelines for computer science research and practice, besides my interest in knowing and living the English rich culture. Since I enjoy exploring new cultures and ideas while travelling.

I have developed a strong passion for exploring cybersecurity, database building, and artificial intelligence (AI), industries that are rapidly developing in our modern world with a lot of potential.

To conclude I believe that University of Southampton has an excellent reputation in these disciplines aligns perfectly with my aspirations and the skills I seek to acquire.