

SOP FOR MS IN INFORMATION TECHNOLOGY WITH ELECTRONICS BACKGROUND

In the current scope, technology now is inseparable from daily life. As the gadgets that we all depend on become increasingly sophisticated, it becomes necessary to evaluate how to better manage all the information exchange that these devices generate. I have always been fascinated by electronics and hardware, and I am hoping to apply my electronics background to studies in information technology that would strengthen my understanding of the software components as well. This Master's program in Information Technology will allow me to enhance my understanding of the field, giving me the skills that I will need to utilize my hardware and software knowledge to improve operations.

As a hardware engineer, I am no stranger to electronics or the programming that is necessary to ensure proper function. I assemble and troubleshoot different parts, and ensure that the root of the problem is found in order for the device to function properly. Often, there is a problem with the source code, which I can identify through executing the source code line by line. Through my experiences in electronics, I have gained a great understanding of how hardware and software are intertwined, and each plays a role in making our current technology possible.

As an information technology student, I hope to be able to take my current skills and apply them to studies that will enhance my understanding of programming languages and systems architecture. Through my coursework, I will be able to get a deeper understanding of these principles, which will also allow me to better understand the types of projects that I will complete both in the classroom and later as part of my career. I know that this degree will be crucial to my ability to transition into the field of information technology and allow me to work on both software and hardware systems in order to make new technology more efficient and durable.