

To whom it may concern,

I am Maxwell Almeida, a recently graduated senior who helped Dr. Kumaresan in teaching his Introduction to Electrical Engineering class. My experience in this endeavor was nothing short of superb; Dr. Kumaresan guided both myself and the class through the curriculum. The first few weeks of classes provided an extensive foundation upon which the rest of the class was built. My assistance was primarily based within the more practical and hands-on portions of the class, helping people work through issues that arose when wiring their circuits. While my role in the class was to assist in teaching the class, I was able to learn a great deal as well; one instance that I remember well included shift registers. When an issue arose that I nor Dr. Kumaresan was able to easily diagnose, I delved into the data sheets made by the chip manufacturer, sorting through pages of information and eventually deciphering the circuit diagram. With the help of Dr. Kumaresan I was able to explain to the class how the particular chip we were using had two sets of 8-bit registers—the display register (which outputted the stored bits) and the storage register. I do not believe that this level of detail is commonplace at any high school, yet it was readily learned by the class. Dr. Kumaresan has an impressive ability to transform a class into a class of astute and inquisitive learners by the end of the year; this class it was no exception. I can confidently say that it has been a privilege and immensely rewarding to assist Dr. Kumaresan in his endeavors this year.

Maxwell Almeida

SHS Class of 2022