

A Computer Disassembled

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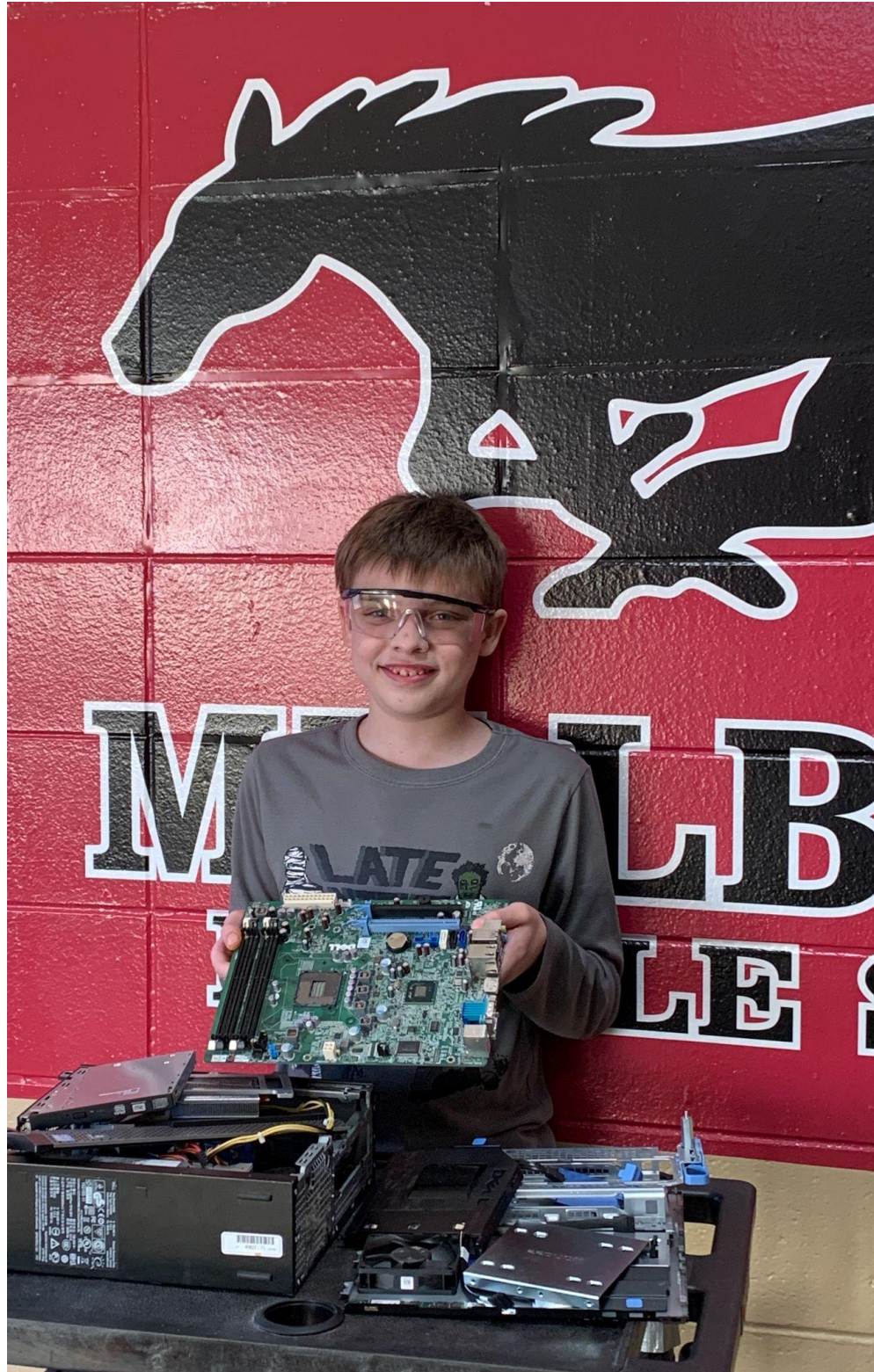
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I explored the interior of a decommissioned computer. I did this because I've always been interested to see what is inside a computer. One thing I liked doing is taking things apart to find out how they work. When we build vex hex robot kits, I like looking at the gears and how they work together to make the item complete the action it is built to do.

I saw many parts inside the computer that I didn't know what they were. The most identifiable part I saw was the fan. The fan keeps the computer cool so it won't overheat. There was also a big circuit board called a motherboard. This is where all of the parts of the computer connect and communicates with all of these parts that are connected to it. I had to look up the rest of the parts of the computer to find out what they were.

The RAM is a long green circuit that is attached to the motherboard. It is Random Access Memory, and it is a type of memory that stores things for a short period of time for use by the processor. The hard drive is a storage device that stores things when the computer is turned off. The hard drive was built by Hyundai, the car manufacturer. I found that interesting! The processor looks like a small square with tiny pins on the bottom of it. This is the brain of the computer and tells the computer what to do. The power supply was attached to the fan in the back of the computer. This is what allows the computer to be turned on and off, and the fan keeps it cool so that the computer won't overheat. I found a heatsink, that works to keep the heat off the processor that generates a lot of heat. The last component is a DVD reader/writer that reads and writes CDs.

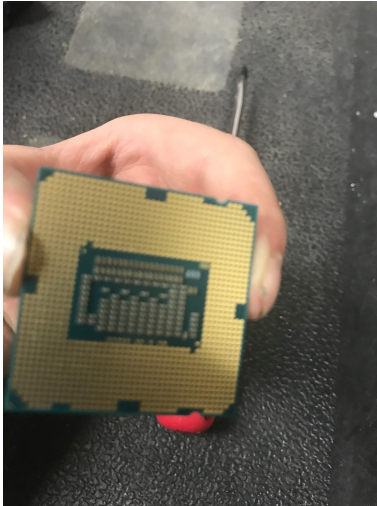
By taking the computer apart, I learned there are a lot of unique pieces that make up a computer. There were a lot of screws that had to be taken out first, though. I didn't think that it would take as many screws as there were. Based on the dust that was inside the computer, I realized that cleaning the inside of a computer is needed every now and then. I enjoyed seeing all of the components of the computer. Doing this allowed me to learn and research about the parts of the computer, especially since I had to use a guide to the inside of the computer to be able to learn what all the components were. It also helped me determine that I like taking things apart and learning how things work, which will hopefully play a role in what I do as a career in the future.











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