

**Zach Frese**
Oct 23, 2022

Why is learning and understanding the fundamentals of basic electronics important in the technology fields? Provide an example where knowledge of the electronics involved helps in selection of devices for an IoT system.

In the most basic of terms the reason understanding the basics of electronics is important to tech fields is because the entire field runs on electricity. Everything from a coffee maker to a car needs some kind of electricity to properly function as intended. One example where knowledge of electronics helps is knowing how much electricity is running through a system. This limits the number of devices allowed on the system before a fuse is blown, or in a worst case scenario, a fire.

**Teyvone Wells**
Oct 30, 2022

I agree 200%. There has always been a sense of progression that has followed the discovery of electricity altogether. To look back and see how deep of a global integration is taking place is truly mind-boggling. One could argue that the very discoveries that have stemmed from the initial discovery has only decreased the time and effort of reaching the next. The world as we know has been completely altered and is becoming more and more of what was once considered unimaginable even.

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PEER REVIEW 2

- Q: THINK OF SOMETHING THAT WOULD MAKE YOUR LIFE EASIER, ANYTHING FROM AN AUTOMATIC TOOTHPASTE DISPENSER TO AN AWNING THAT OPENS UP WHEN IT SENSES RAIN, AND IMAGINE HOW YOU COULD ACTUALLY CREATE IT. DO YOU AGREE WITH MASSIMO THAT THE ARDUINO MAKES MICROCONTROLLERS AND CODING AVAILABLE TO ANYONE, REGARDLESS OF EXPERIENCE?