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In order to explain the differences between Software Engineering, Computer science, and Information technology one should first look at their similarities, computers. Now there aren't just these fields, but these are the primary "degree's" so to speak. So, I'll start by explaining the difference between Software Engineers and Computer Science majors. Mainly it's just as you see there, the difference between Engineering and Science. Engineers are more likely to be contracted to build an app that meets a company's needs, or maybe design their website for them etc. They're given a big toolbox and told: "make things". Regardless of what they are. Now a Computer science (CS) degree puts more emphasis on the theoretical aspect, they're more likely to go on to work with an R&D group at a university, pushing the boundaries of what we know about computing. Now let me emphasize this, a software developer can hold either a Software Engineering degree OR a Computer science degree. If I were to draw a Venn-diagram it would be almost two completely overlapping circles, maybe a little space on either outer edge. Information technology (IT) on the other hand, if I were to add it to the diagram, I would make a little area outside that said, "Business world" and it would be the only area outside of the diagram. Sometimes an IT will know how to code but most of the time they are there to repair and maintain internal networks or fix computer hardware.

Now to dig a little deeper, Computer science can be split into hundreds of fields, three of them are Cyber Security, Artificial intelligence, and Networking. Cybersecurity sounds interesting but I'm relatively positive that it's not. Securing your network and making sure no hackers or virus's pop into your employer's information sounds very dull and research-oriented, also IF you miss something and bad things happen, you're going to be crucified. The use of computer science in this field largely comes with the knowledge of viruses, which are coded, and how to combat them, which requires more coding. Networking is typical, the job isn't that

much different from cybersecurity except you also have to set up and maintain the network, and

if someone is maliciously targeting a company's network and they find out I highly doubt they're

going to go find their network engineer and crucify him. Now I will say artificial Intelligence

piques my interest a lot, the idea that we could create a computer that can think and learn for

itself is, interesting to say the least. The field could involve the use of robotics and neuroscience

it's so wide-ranging. The main goal of the field is simply, to make a computer that can think.

Report report

    I'll start by deciding my target audience, which was my parents, so for my analysis of

how I created this, well most of the time I wrote this I was researching, jotting down little things

here and there but mainly I had to ask myself the question "well what's different about these

fields?" After some googling and link clicking and reading, I came out of this assignment with a

better understanding of the field I'm going into. After said research I began typing and swapping

back and forth between my browser and my word doc, deciding on what I should convert to my

paper and what information could be ignored, I didn't really write an outline, considering the

assignment page had one I didn't see a need to. I wrote largely by the seat of my pants and the

assignment didn't require much more. Afterword's I plugged everything into Grammarly to make

sure I didn't write anything overly nonsensical in my paper.