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Fields Report

Computer science in “Layman’s terms” can be most easily defined as understanding both the physical -hardware- and the virtual -software- components of a computer. As well as the applications that it can offer. The field of computer science can best be subcategorized into four fields: networking, programming, data recovery, and artificial intelligence.

The concept of networking can be best abstracted by saying that it is making sure different devices interact properly. Someone who works in networking might make sure your Wi-Fi router properly connects or even make sure your devices link up safely and privately (security-wise).

Programming is more familiar to me as I have an internship as a commission analyst. Personally, I do most of the data testing, documentation, reports and either brainstorming to fix larger errors or helping to fix larger errors. The best way I can describe programing without googling the definition of ‘programing’ is that we cleverly seduce databases into producing the information needed. We maintain the health of the data base and organize it as if we were librarians, but everything is software.

Data recovery is pretty self-explanatory, but I will still explain it as if I were to explain it to my mother. Data recovery specialists act as a safety measure to avoid the disaster that is lost data. They keep programs up to date, and backup data incase of disaster.

Which funny story, by the way, when I originally informed my mother that I was a software engineering major, she contorted her face in the same manor one would if I told them ‘No no I am not allergic to puppies I simply do not like them’ and my mother told me ‘Oh dear, why would you want to do that with your life. Computing is a dying field only men go into. I would much rather you becoming a teacher, like your cousin, at least they make more money’. This is not something I can make up, and my mother is not a woman of jokes or playful nature. I legitimately had to sit down because I was red, from laughter. To this day I explain to my mother that she was incorrect and she still does not understand the error of her ways. I hope you laughed as hard as I did.

When it comes to artificial intelligence and its application the first thing that comes to mind is my best friend’s little sister flying her toy drone into my face several times after I beat her at Settlers of Catan. My second thought is how much better Amazon drones will be at flinging packages at my front door than mailman will be.

Software engineering can be best described as dealing with just the inner workings of computers and making sure they function properly.

Information technology can be summarized as the treatment of data/information. How data is stored, accessed or shared.

My favorite Computer science field is programming and maybe even web design, because I love manipulating data and having it be a part of a bigger purpose.

Report about my Report

Usually when it comes to writing any scholarly piece my first step is to list out what question(s) I will eventually be looking to answer throughout my piece. Once I have established what I will answering I can then I can begin to do research so that I may be able to efficiently answer the requirements of the paper. Once I have answered the questions, I can then begin a critical discussion. For this particular report I first outlined the parameters of the report in the aspect of the length in respect to word count, the topics and subtopics simply organized by the order it was asked in. The three FGCU scholar skills are Think, Discover, Write. In order to create and document those three steps are necessary First you must think and analyze what you are prompted to do. Then you must discover or adapt existing information and lastly apply it onto a shareable forum. In my opinion the three FGCU scholar skills are relevant to most if not all fields of study particularly software engineering. In regards to programming and web development, one must be particularly clever, before commencing any project or task one must think it through and see if one can use snippets from prior work so as to not reinvent the wheel, and if possible invent new and more efficient ways to complete tasks. After/during one is thinking one may write different code snippets and then piece them together.