

Sammy Lundy
COP 1500
Fields Report

Dear Mom and Dad,

I want to tell you how I'm doing in my classes and to inform you on what it is exactly I'm going to do for a career. The different fields in the tech world can be confusing to distinguish between to the naked eye. Hopefully, after reading my letter you will have a better sense about the careers I'm considering after college. There are three main fields I will be discussing in this letter: computer science, software engineering, and information technology. Computer science is the study of algorithms and theories that can be applied to how a computer processes, stores memory, and communicate information digitally. This field focuses on the theory of the computer and the design of computer systems. Software engineers apply computational theory to the maintenance, design, and development of software. They program the software that runs on your computer and tests it to work on all computers. The Computer Information Systems degree is slightly different because you learn how to apply computers to a wide range of fields and more specifically how computers are useful in business. They use technology to help support businesses and maintain their networks and systems. So, in short, computer scientists are focused on the actual design and physical computer, software engineers focus on developing software for computers, and computer information scientists use technology to support businesses and networks.

The field I'm most interested in is web development specifically. Web developers use scripting languages to create, maintain, and update content on websites. Sometimes they aid in design or are just hired to make a website functional. After creating my portfolio website in my intro to computer science class, it hit me that this is what I want to do. Designing and coding the website from scratch is really fun and I like how it challenges me to continue to learn on my own. This field can let me be creative and flexible within my career. I find it exciting that this field is always evolving, and I can continue to learn throughout my life well after college. I want to use my degree to help create and run e-commerce sites. I'm trying to learn how to use responsive web design because as more devices are created websites need to be functional across all platforms. I hope this gave you a better idea of my goals and what I'm passionate about.

Much Love,
Sammy

Report Report

First, I created a detailed outline with two paragraphs. Within the first paragraph, I made sure to outline the three computer science fields and their definitions. I later went back and added more information about each field when I finally wrote my letter to enhance the quality of my writing. In the second paragraph, I outlined my career interest and goals. Also, in the outline, I included the summary and duties of my field of interest. Lastly, in this paragraph, I added what I specifically wanted to do within this field. So, the paragraph had about three major points. After the outline was created, I added full sentences, punctuation, and detail. This was the writing FGCU scholar skill I used.

I used the information literacy skill to help write my report, too. I identified what information I needed to research in order to write an educated concise report by researching the websites provided and the library databases. I used the library database to help locate current articles about web development to see what the field was like as of right now. I evaluated which information was necessary to communicate my ideas clearly and added these ideas within the framework of my outline and report. I paraphrased the ideas in my own words to fit the style and flow of the report.

Lastly, I used the critical thinking FGCU scholar's skill throughout the entire report process. I was able to look at the instructions and decide what my plan of action was. I read through the instructions, digested the tasks, and decided how I would go about completing them. After I assessed the assignment, I decided to create a loose outline of the project guideline, research on the internet, add the information to the outline, and then use my critical thinking skills to put all the information and guidelines into my own words and ideas.