

Dear Mom and Dad,

As you know, over the course of this semester I have been taking the Introduction to Computer Science course, as I begin my path as a Software Engineering major. As an introductory student of the program, I am expected to identify the different areas of Computer Science and what areas specifically interest me. The three areas of Computer Science that are offered at Florida Gulf Coast University are Computer Science, Software Engineering and Computer Information Technology. The first area is that of Computer Science. Computer Science is the general study of the different ideas and utilities of computers. This area more deeply goes into methodology and theories of how computers process information, but it is the general study of the different levels of Computer Science. The next area that offered is Software Engineering. Software Engineering is more narrowly focused than Computer Science. It is the area of CS that is focused on the systematical understanding of the development, operation and management of software. The third area that we discuss is Computer Information Technology (CIT). CIT is the area of Computer Science that focuses on solving real-life problems regarding CS. This area of Computer Science focuses on the understanding of the different parts of CS, and using that understanding to solve problems such as application programs, working with networks, etc. (real life application in a business setting) This past semester, as you know, I switched my major from Bioengineering to Software Engineering, as this is the degree of Computer Science that I want to pursue

After identifying the main disciplines of Computer Science, I identified some of the fields that I may be interested in pursuing with a Software Engineering degree. The three fields I identified were Programming Language, Graphics and Artificial Intelligence. The main field that I am interested in is Artificial Intelligence. I became interested in this field from taking Humanities and looking at the philosophical approach of creating artificial intelligence. Artificial Intelligence is the field of Software Engineering which looks at the creation of computer systems that can complete tasks that would typically take human-level intelligence. The idea of superintelligence and how writing code to do these things fascinate me. Another field of Computer Science that interests me is Programming Language. Programming language is the field that focuses on writing software code in high-level languages. This field takes expertise in writing in these languages and problem-solving at a high level. The final field that I identified was Graphics. Graphics covers the realm of creating programs to analyze complex data that are visual representations of anything in computers. The field that I would like to pursue after college is Artificial Intelligence.

Your loving son,

Gibson Green

I followed the three step of FGCUScholaers skills when writing my letter field report to my parents. The first thing I did was outlined the different areas of the assignment that I needed to complete. I looked at the rubric, identified the different areas that were being graded and made sure they were in my outline. After the letter, I spell checked it and then put it through Grammarly, and had my roommate proofread this paper for me. When I went through the critical thinking, I identified my audience, which was my parents, and wrote the paper in a way that they I would normal compose a letter to them as. My purpose was to explain to them what degrees were offered at FGCU, which one I was planning on pursuing, what fields of CS are there, and which one I was most interested in. I went through and used the 5 Why's approach to solve the problem of which field I wanted to pursue. I used some of the Library resources on how to properly analyze and gather information from sources while implement that into my paper properly. I also used the Information Literacy components to work out some of the problem solving of understand the text books sources, along with other internet sources that I used in order to properly incorporate that information into my paper.