<u>Fields Report</u>

Dear Mother and Father,

I know you have a lot of questions on the major I decided to pursue, so I am writing this report to explain to you on what I will be doing in the future and how this all works. First of I will be defining three very broad terms in this overall world of computers, the first term "computer science". Computer science is the beginning of it all and it is the study of computers and algorithms within these computers. It goes over both the inside (software) and the outside (hardware) of a computer. As computers grow to become more advance they are observed to see how they impact society. The next term is software engineering and it i

s a field within computer science which I am working hard to be in the near future. This fields goal is to create and manage software from design and testing. The final term I will be defining is information technology and this is defined as the use of any hardware or networks to create, delete, secure and exchange data.

As you know Mom and Dad, I am trying to become a software engineer, but however their is also many other options within the field of computer science. There is also web development and computer hardware engineer. Software engineering manages and creates software with the intention to be used for many applications. Computer science is applied to this field because software engineers have to know how computers work and how they think. They

use many computer languages like Javascript, Java, and C++ to create their software. Web Development is another field in computer science what focuses on creating website and designing them. They create how the website works, sort of like the behind the scenes of a website. Computer science is applied here the same exact way like software engineering. As a web developer you must know how computer work and must write in a language in which they can understand to create a website. Web developers use languages such as HTML and CSS. The last field I will be talking about in detail is computer hardware engineering. Their job is to create, design and test computer parts like for example motherboards, CPU's and video graphic cards. The people who create these parts must know how computers and electricity works. They must have the knowledge in how each part communicates to one another and this is how computer science is applied in this career.

Software engineering is the field that interests me the most because the more I think about this field, the more I realize that there is no end in the applications I can create. I can create almost anything, once I learn the right tools for the job. I am excited what the future holds as technology is the future and it is only going to grow from here. I wanna know how things work behind the program, even the most basic stuff because most people don't know how anything actually works even when they use it everyday.

From, Kylen Bregula

<u>Review Report</u>

I will be going over now on how I created the report on what you have just read. At first I went over the rubric and what was expected of me to write in this report. After looking over it all, I made an outline of my report so I can get a clear vision in my mind in what I wanted to say. This outline would become something of great use as in the future it was a good supporting structure on how I wanted the report to be organized into. The internet was a big aid in creating this report as I used well trusted sources to help me define some terms and help me on what fields of computer science should I be defining. I used critical thinking skills to determine the the sources I used were good implement within my report and also used my skills in information literacy to determine which ideas and facts that were in those websites should be proven useful in the report and not be useless things that had not place being in the report. Once the outline was completed and I had a clear idea on how I wanted the direction for the report to go to, I used my writing skills to create to construct what I made from my outline into a single multi-paragraphed report. As I was following along my outline and typing away on my keyboard, I used critical thinking determine how the report should sound like and how I wanted it to feel.