Dear Mother,

I would like you to know what I have planned for my future. In a world where technology is taking over our lives, it is essential that we learn and comprehend these new lifestyles. As a software engineer major, my main focus is to be able to learn computer languages and apply this knowledge in developing programs. However, having such a broad selection of careers to choose from, why did I choose to be a software engineer? First, let's talk about other options and some of the key differences. For example, computer science is the study of computer technology, both hardware and software. Computer Science is a very diverse field; the required skills for this career are both applicable and in-demand across practically every industry within the field of technology. This career is divided into different subfields. Students majoring in computer science oftentimes are looking for a broad understanding of computer technology. These students have the opportunity to experience everything from a very broad perspective. When a student gets a degree in computer science, his knowledge could be applied in a lot of different fields, such as computer engineering (i.e. hardware development), computer programming , web development, or data management , just to name a few. So what is software engineering then? It is a branch of computer science, which is specific and concrete. It consists of the development of computer systems software and applications software. Systems software consists of programs that include the following: computing utilities; operations systems; and applications software, which includes user-focused programs like those we use everyday (e.g. Canvas application, Google Maps application). It is my personal favorite field of computer science because it is the one where you get to write programs and applications. Also, as a result, you get to learn different computer languages. Another factor that helped me decide to choose to study this branch of software was the fact I love video games, and I would love to be involved in the creation of

something like this someday. As a matter of fact, a software engineer is considered to be one of the most important jobs in the present, and near, future. Now, let's talk about another branch of computer science, Information Technology. This is the use of computing via various components (e.g. hardware, services, software) to develop, manage, transform, share, and store information in different forms. A job someone could possibly receive with this degree would be a computer systems analyst. Someone with this job would be in charge of integrating business management and data analysis, assessing how automated systems can be implemented to solve complex business problems, providing IT support for business users, and making software and hardware recommendations to achieve business objectives. Another fascinating field of computer science is computer engineering (hardware engineering). In this field, engineers research, design, and develop computing components (e.g. microprocessors, networks, routers) to create faster, better, and more powerful computing systems. This field is one of the hardest, without a doubt, and requires a lot of enthusiastic people. With a degree like computer engineering, there are jobs in robotics, computer architecture, design, etc. With these kind of jobs, we will be able to design and develop new computing systems. Now, I hope you can understand what type of field I am going to pursue, mother, an uncertain but fascinating world.

~ Sincerely your son, Eros Pena

In order to come up with this report, I had to go through some steps. I first did my rough draft of what I wanted to write most about, and what my main goal was going to be out of it. Then, I proceeded to do some research, I used some of the sites already available to me, such as "Guide to Computer Science Careers" and other sources like, "LibGuides." When I felt that I had enough information, I started an outline, where I displayed how I wanted my report to be stated.

Once my outline was done, I proceed to start writing. I, also, took breaks in between paragraphs, in order to make sure I was not going off topic and to revise my typing. Writing about something you really like could be tricky because you might think you know a lot, but you will end up being surprised how much you will actually learn from the research. Therefore, it was very good and informative not only for my readers, but for myself as well. Once I ended typing, I went with a friend that works in the writing center, as expected I had a lot of grammar errors, but she was really nice and explained everything to me. Following that, I wrote some more, because I thought my report was lacking something. Finally, I corrected somethings myself, and then I felt it was ready for submission. In addition, I submitted the assignment, and got a very low grade on it. I then, brought my project to the writing center. The tutors were helpful, and after one hour approximately we revised it completely. I am much happier with my grammar know.